UNIVERSITY OF MASSACHUSETTS BOSTON

Division of Corporate, Continuing, & Distance Education

spring 2007

- over 200 courses
- convenient times and locations
- online courses & programs
- certificate & degree programs
- corporate & professional training
- English language study

617.287.7900
ccde.umb.edu

UMASS BOSTON

CCDE Spring 2007 Academic Calendar

(Note: this calendar applies only to credit courses as listed on pages 14-40 of this bulletin.)

Registration Deadlines

Registration begins	Nov 27 (M)
Early registration deadline	Jan 16 (Tu)
Late registration begins**	Jan 17 (W)
Financial aid elibility deadline	Feb 6 (Tu)
Add/Drop deadline	Feb 24 (S)
Pass/Fail deadline	Apr 5 (Th)
Withdrawal deadline	Apr 5 (Th)

**A $25 late fee will be assessed for all registrations conducted on or after this date.

Refund Schedule***

Deadline for 100% refund	Feb 17 (S)
Deadline for 50% refund	Feb 24 (S)

***For information on refund policy and procedures, see page 3 of this bulletin. NO REFUNDS WILL BE GIVEN AFTER THE 50% REFUND DEADLINE DATE.

Registration Hours

Monday-Thursday	8:30am-6:00pm
Friday	10:00am-4:00pm
Extended Hours	
Friday, Feb 9	10:00am-6:30pm
Saturday, Feb 10, 17, 24	8:00am-4:00pm

Registration Phone Numbers

For Information: 617.287.7914

To Register By Phone: 617.287.7916

Start/End Dates

UMass Boston Campus Friday/Saturday Courses

Classes begin	Feb 9 (F); Feb 10 (S)
Classes end	May 4 (F); May 5 (S)
Makeup/Snow day	May 11 (F); May 12 (S)

Braintree Courses

Classes begin	Week of Feb 5
Classes end	Week of May 7
Makeup/Snow day	Week of May 14

Copley Courses

Classes begin	Week of Feb 5
Classes end	Week of May 7
Makeup/Snow day	Week of May 14

Technical Education Courses

Classes begin	Week of Feb 5
Classes end	Week of May 14
Makeup/Snow day	Week of May 21

Online Courses

Classes begin	Week of Feb 5
Classes end	Week of May 14

Note: If a course has start/end dates that differ from those listed above, they are noted along with the descriptions and schedule information on pages 14-40.

Final exams are held on last day of class unless otherwise indicated by the instructor.

Holidays & Vacations

President's Day	Feb 19 (M)
Vacation (Braintree, Copley)	Week of Feb 19
Spring Break (UMass Boston Campus-- no CCDE classes March 16-17)	March 12-18 (M-Su)
Patriot's Day	April 16 (M)
Vacation (Braintree, Copley)	Week of April 16

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To request an alternate-format version of this bulletin, please call 617 287 7911 (for general inquiries, please use 617 287 7900).

Corporate, Continuing and Distance Education Office

The Division of Corporate, Continuing and Distance Education office (Wheatley Hall, 2nd floor, room 203) is open throughout the year to distribute information and resolve problems. Regular weekday hours are: Monday through Thursday, 8:30am-6:00pm; Friday, 10:00am-4:00pm. Special hours for spring 2007 are as follows: Friday, Feb. 9, 10:00am-6:30pm; Saturday, Feb. 10, 17, and 24, 8:00am-4:00pm. To contact CCDE, call 617.287.7900 or Email to ccde@umb.edu.

Contact Information

There are many people in the Division who can help you with questions about our programs, policies, and procedures. Here are some names and numbers to remember:

GENERAL INFORMATION
Reca Quarles
617.287.7900 ccde@umb.edu

REGISTRATION
Registration Info Line
617.287.7914
(for information only; to register by phone, call 617.287.7916)

Registration Fax Line
617.287.7902

ACADEMIC ADVISING
Ed Zaleskas
617.287.7900 edward.zaleskas@umb.edu

ONLINE COURSES & PROGRAMS
Kitty Galaitsis
617.287.7918 katharine.galaitsis@umb.edu

INTERNATIONAL PROGRAMS
Susan Griffin
617.287.7278 susan.griffin@umb.edu

FIELD STUDY & PROGRAMS ON NANTUCKET
Elaine Sullivan
617.287.7915 elaine.sullivan@umb.edu

ENGLISH LANGUAGE STUDY
Cindy Jimenez
617.287.7876 cindy.jimenez@umb.edu

CORPORATE/PROFESSIONAL TRAINING
Cindy Jimenez
617.287.7876 cindy.jimenez@umb.edu

Website

Find us online at ccde.umb.edu

Visit ccde.umb.edu and sign up for our eList – our email notification program. You will be the first to know about new programs, courses, and events.

On our site, you will also find:
- up-to-the-minute information on all courses
- extensive information about our degree & certificate programs
- more comprehensive information about our online courses, such as instructor bios
- A-Z guide to everything CCDE
- downloadable forms for registration, add-drop, etc.

We encourage you to visit the site regularly.

Directions to UMass Boston

The University is only three miles from downtown Boston and is easily accessible by public or private transportation.

From the north or west: Take the Southeast Expressway to exit 15. Turn left onto Columbia Road. Enter the rotary and take the first right (Morrissey Boulevard). Bear right of the traffic island, following the UMass Boston sign. Proceed past the Boston Globe building. Turn left into the campus.

From the south: Take the Southeast Expressway to exit 14 (near the Boston Gas tanks). Follow Morrissey Boulevard northward to the campus.

Directions to our off-campus sites can be found on pages 11-13.

Parking

For information about parking at UMass Boston, visit www.umb.edu and click on "Arriving & Parking," or contact the Parking Office at 617.287.5040.

Public Transportation

Free and frequent shuttlebus service is provided between the University and JFK/UMass Station on the MBTA Red Line. Buses following MBTA Routes 8 and 16 also stop at the University. For more information, call 617.287.5040.

Registration Information Line

If you have any questions about our registration process, please call 617.287.7914.

When to Register

Students can register for spring courses starting November 27. It is advisable to register as early as possible; early registration is the best way for students to assure themselves places in the courses of their choice.

Early registration for spring courses is possible until January 16. Late registration will take place during the periods indicated in the Academic Calendar (inside front cover). Late registrations submitted between the first class meeting and the add/drop deadline (see Academic Calendar) require permission of the instructor. Students registering late must pay a $25 fee.

How to Register

RETURNING STUDENTS

If you are a matriculated UMass Boston student or have taken UMass Boston courses before, please use the WISER online self-service registration system:

wiser.umb.edu

NEW STUDENTS

If you are taking a UMass Boston course for the first time, you can use any of the following methods to register:

Online Registration

To register online as a new student, use our shopping cart system. For details, go to

ccde.umb.edu/moreinfo/registration/how/

Telephone Registration

To register by telephone, call 617.287.7916 during the following hours: Monday through Thursday 8:30am-6:00pm and Friday 10:00am-4:00pm. Please fill out the registration form on page 60. Be ready to refer to it before calling.

Mail or Fax Registration

To register by mail or fax, fill out the registration form on page 60. Send it to the address indicated on the form or fax it to 617.287.7902. Mail registrations must be postmarked by Jan. 16. Registrations postmarked after that date will be assessed a $25 late fee.

Walk-In Registration

Walk-in registration takes place at the CCDE Registration Center (Wheatley Hall, second floor, room 203). Office hours are Monday through Thursday, 8:30am-6:00pm and Friday, 10:00am-4:00pm, with additional extended hours as follows: Friday, Feb. 9, 10:00am-6:30pm; Saturday, Feb. 10, 17, & 25, 8:00am-4:00pm.

Note: All registrations are accepted on the basis of available space.

Adding and Dropping Courses

Students may add or drop courses before the add/drop deadline (see Academic Calendar). To add or drop a course by telephone, call 617.287.7916 during the hours indicated above under "Telephone Registration." To add or drop a course in person, by mail or by fax, use a Change of Registration Form (available from the CCDE Registration Center, Wheatley Hall, second floor, room 203). If a student wishes to register for or add a course after the first class meeting, the appropriate form (Registration Form/Change of Registration Form) must be signed by the instructor(s) of the course(s) added, and returned to the Registration Center before the add/drop deadline (no signature is required when a course is being dropped). To add an online course after the first day of classes, please visit our website for instructor contact information.

Cancellations

The Division reserves the right to cancel underenrolled courses. A student who has registered for a course that is canceled is eligible for a refund (for refund policy, see page 5). If all courses for which the student has registered are canceled, service fees will also be refunded.

Fees and Payments

Course Fees

Course fees are included with course descriptions. These fees are typically calculated on a per-credit basis, as follows:

Undergraduate	$205 per credit
Graduate	$280 per credit

In some cases, a course fee may be calculated differently because of special costs or a subsidy. In these cases, the fee is described as a special course fee.

Lab Fees

Lab fees must be paid for certain courses, as indicated in the schedule listings. The amounts of fees appear under course descriptions.

Service Fees

All service fees are mandatory except where otherwise noted. Service fees need only be paid once each semester.

Registration Fee (non-refundable*)	$30.00
Educational Service Fee	20.00
Facilities Operations Fee (Note: this fee is not paid by students taking only online courses.)	50.00
Records Fee (for non-matriculated students)	6.00
Late Registration Fee (when applicable—see Academic Calendar, inside front cover) (non-refundable*)	25.00
Returned Check Fee (when applicable)	25.00

**Unless a course has been canceled by the University, the $30 Registration Fee and the $25 Late Registration Fee are not refundable.*

Combined New Student Fee

This one-time mandatory fee of $345 is paid by students entering a UMass Boston degree or certificate program (see page 42).

Payments

Students may use the following methods to make payment:

CHECK

Please make checks payable to "UMass Boston."

Payment of course and service fees with a check that is subsequently returned by our bank will result in an additional returned check fee of $25, and may also result in administrative withdrawal and referral to a collection agency, which may result in liability for the payment of a collection fee.

CREDIT CARD

UMass Boston no longer accepts direct credit card payments for course and service fees. If you wish to pay with a credit card, you may do so through SallieMae®. MasterCard, Discover, or American Express cards can be used (Visa cards are not accepted). A service fee (2.65% at the time of this publication) will be charged by SallieMae® on each credit card transaction. Instructions and links for this payment method can be found at wiser.umb.edu.

CASH

Cash payments are made only at the Bursar's Office (Campus Center, 4th floor; M-Th, 8:30am-4:30pm, F 8:30am-4:00pm). After you have enrolled, you may make a cash payment at the Bursar's Office, where you will be given a receipt.

PAYMENT BY OUTSIDE AGENCIES

If the student's charges are to be paid by an outside agency, a payment authorization from that agency must accompany his or her registration. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not pay them.

Refund Policy

CREDIT COURSES

A student who drops a *credit course* will be granted a refund according to the dates listed in the Academic Calendar (inside front cover). Non-attendance does not constitute dropping a course. Students dropping a course may either file a Change of Registration/Refund Request Form at the CCDE Registration Center (Wheatley Hall, second floor, room 203) or drop the course online at wiser.umb.edu.

Note: *International and field study programs* have a different refund policy. For details, call 617.287.7913.

NON-CREDIT PROGRAMS

Refunds will be granted to registered students who withdraw from non-credit programs (pages 50-52) on the following basis:

Withdrawn on or before second class meeting date:	100% refund
Withdrawn on or before third class meeting date:	50% refund

No refunds will be granted after the third class meeting date.

In the case of programs that have 5 or fewer class meetings, a 100% refund will be granted for withdrawal before the first class meeting. There will be no refunds after the first class meeting.

Note: This policy does not apply to the Alcoholism/Chemical Dependency Treatment Services Program; see program description (page 50) for more information.

REFUND PROCEDURE

Whenever a refund is due, either because the student wishing the refund has dropped a course or because the University has canceled a course, the student should initiate the refund procedure by notifying the CCDE Registration Center either in person, by fax, mail, or telephone. The amount of a refund is computed on the basis of the date the refund request is received by the CCDE Registration Center (if the request is mailed, the refund is computed from the postmark date).

If a student has made a payment by credit card through SallieMae®, the refund will be returned as a credit to the cardholder's account. Unless a course has been canceled by the University, the $30 registration fee and the $25 late fee are not refundable. Lab fees are not refundable after the first lab meeting.

CCDE no longer mails refund checks to students. The Bursar's office sends an email to the student's UMB account, informing them that their check is available for pickup. Students have the option of requesting that their check be mailed; this request must be made in writing to the Bursar.

Note: If your University account has a balance, your refund will be applied to this balance until it is paid in full.

Course Fee Waiver Policy

The Division of Corporate, Continuing and Distance Education will accept course fee waivers for those persons meeting the eligibility requirements described below, providing the courses they wish to take are adequately supported by fees from paying students, and providing space is available.

Course fee waiver policies apply only at the standard rate of $205 per undergraduate credit and $280 per graduate credit. Thus, in the case of a course with extraordinary costs necessitating a higher than standard course fee, course fee waivers will be granted for only the amount of the standard course fee.

Registration fees, service fees, lab fees, and other mandatory fees must be paid in full.

Anyone eligible for course fee waivers must submit documentation when registering.

Qualified veterans are eligible for course fee waivers under the following conditions:

1 They must be matriculated in a UMass Boston degree program.
2 The course for which the waiver is being used must be a credit-bearing course.
3 To determine eligibility, veterans must present DD 214 (military discharge) to the UMass Boston Veterans Affairs Office (tel. 617.287.5875).
4 They must have their registration form approved by the UMass Boston Veterans Affairs Office.
5 Veterans must have served during a period considered by the Commonwealth of Massachusetts, MGL Chapter 4, Section 7, as wartime service.

Full-time state employees are eligible for a 50% course fee waiver upon submission of a properly completed "Certificate of Eligibility" at the time of registration.

Full-time employees of public higher education, their spouses, and their dependent children are eligible for a 50% course fee waiver upon submission of a properly completed "Certificate of Eligibility" at the time of registration. This benefit also applies to full-time employees of Essex Agricultural and Technical High School.

The Division of Corporate, Continuing and Distance Education cannot honor vouchers issued to cooperating practitioners by the state-funded programs of the University of Massachusetts at Amherst, Boston, Dartmouth, Lowell, or Worcester.

This benefit is provided only to individual state employees and other eligible persons as noted above. In the case of a state department or agency cosponsoring education for its employees, the department is directly responsible to UMass Boston for the full cost of the program.

Waivers may not be used for Music 185 (Private Music Lessons; see page 23) and other special courses.

Please Note: Due to changes in University policy, the Division of Corporate, Continuing and Distance Education no longer grants waivers to senior citizens.

Eligibility for Enrollment

UNDERGRADUATE COURSES

UMass Boston undergraduate credit courses are open to: 1) students who may be considering matriculation into a degree program at UMass Boston or elsewhere; 2) students matriculated at other institutions who will use UMass Boston credits to meet degree requirements at their home institutions; and 3) matriculated UMass Boston students. Anyone who has graduated from high school or who has earned a high school equivalency certificate is invited to begin or continue taking courses at UMass Boston. Please see the regulations below governing academic retention standards for matriculated and non-matriculated students.

Before registering for undergraduate courses, you should know that the University assumes that students registering for these courses will accurately assess their ability to do college-level work.

SPECIFIC CLA/CSM REQUIREMENTS

The College of Liberal Arts (CLA) and College of Science and Mathematics (CSM) recently revised the General Education portions of their graduation requirements. For complete information on these changes, we recommend that you consult the UMass Boston Spring 2007 Schedule of Courses. Information on CLA/CSM requirements is also available at www.umb.edu/academics/cla/gened.html.

Many courses described in this publication fulfill CLA and CSM *distribution requirements*, as indicated by a note following the course description that refers to the "Distribution Area"to which the course belongs. Although they are open to non-matriculated students, all of these courses meet specific requirements for CLA and CSM matriculated students. To be sure of taking distribution courses that will meet their degree requirements, all CLA and CSM matriculated students should, before registering, pick up advising materials concerning distribution requirements from the University Advising Center (Campus Center, 1st floor, room 1100; 617.287.5500).

Please note that distribution requirements for students who have matriculated in or after fall 2002 are different than for those who matriculated earlier. The older and newer requirements are referred to in course listings as "Distribution I" and "Distribution II," respectively. For more information, see the University's Spring 2007 Schedule of Courses booklet.

Courses whose numbers are followed by "G" are First-Year or Intermediate Seminars that count towards the *critical analysis requirement* of the CLA/CSM General Education curriculum.

Materials concerning the CLA/CSM *writing proficiency requirement* are available from the Core Curriculum Office (CC-2-2100; 617.287.6330).

Courses that meet the CLA/CSM *diversity requirement* are identified in a note following the course description.

GRADUATE COURSES

Before registering for graduate courses, you should know that students who have not formally been admitted into UMass Boston graduate programs may enroll in graduate courses offered through CCDE, providing they hold a bachelor's degree and meet course prerequisites. Up to six units earned in courses taken before admission to a graduate degree or certificate program may be counted toward the requirements for that program, with the permission of the program director; however, completion of these courses does not imply admission to the program. Some courses require permission from the appropriate graduate program director(s); this is indicated in the individual course listings. If you need permission to enroll, you can learn what procedure to follow by calling the appropriate program office at one of the numbers listed below.

Applied Linguistics	617.287.5760
Applied Sociology	617.287.6252
Business Administration	617.287.7720
Computer Science	617.287.6440
Counseling	617.287.7617 or 7600
Critical and Creative Thinking	617.287.6520
Dispute Resolution	617.287.7421
Instructional Design	617.287.5980 or 7600
Public Affairs	617.287.5543
School Psychology	617.287.7602 or 7600
Special Education	617.287.7620 or 7600
Teacher Education	617.287.7625 or 7600

Prerequisites and Permission

It is the responsibility of students to meet course prerequisites. If you have any questions about whether you have met a prerequisite, you should contact the appropriate academic department or program.

Certain courses, as their descriptions indicate, cannot be taken without special permission. If you need such permission, you can learn what procedure to follow by calling the CCDE Registration Information line at 617.287.7914. Be sure that the appropriate initials appear in the "Faculty Initials" column on your registration form.

Diagnostic Testing

Diagnostic tests for English and mathematics courses are held in the Testing Center (Campus Center, Upper Level, room 133). The diagnostic test in English is required only for non-native speakers. For current schedule information, visit www.uac.umb.edu.

Each test takes approximately one hour to complete. Results can be obtained two hours from the time one finishes testing. A photo ID is necessary to receive results. There is no fee for testing and no appointments are necessary. Calculators, books or notes are not allowed. We do not have practice exams; however, sample questions can be found at www.uac.umb.edu. For further information, please call 617.287.5522.

Auditing

The auditing of certain courses may be possible with the permission of the instructor. The auditing fee is the same as the course fee. Permission to audit a course will be granted by the instructor on a space-available basis. Instructor approval may be obtained only during the first class session. A completed audit application must accompany a student's registration form; in such cases, the late registration fee will be waived. Students may not change their registration from credit to audit or from audit to credit. Inquiries concerning the auditing of courses should be directed to the Division of Corporate, Continuing, and Distance Education Office, 617.287.7914.

Pass/Fail Option

Many courses may be taken on a pass/fail basis. It is the student's responsibility to decide whether doing so is appropriate for a particular course. When the student earns a Pass (P) grade, units for the course count as graduation units, but the grade has no bearing on the student's cumulative average. A Fail (F) grade affects the student's cumulative average as a regular "F" would.

The pass/fail option is limited to one course per semester and one course per summer. UMass Boston students may use the pass/fail option for a maximum of eight courses during their undergraduate careers. Graduate students may not take courses on a pass/fail basis. A course exceeding five units cannot be taken pass/fail.

A student wishing to take a course on a pass/fail basis must fill out a pass/fail form by the deadline for that session (see Academic Calendar, inside front cover) or use the University's WISER student self-service system (details on using the system will be provided to all newly registered students). Pass/fail forms are available at the CCDE Registration Center (Wheatley Hall, second floor, room 203). Students are advised to retain their copy of the pass/fail form.

Any student submitting two pass/fail forms in one semester will not be allowed to take either course on a pass/fail basis. A pass/fail form, once submitted, cannot be withdrawn after the pass/fail deadline (see Academic Calendar, inside front cover).

Before exercising the pass/fail option, students from other institutions should consult an advisor or check their institutional or departmental requirements concerning transfer credit.

Withdrawing from Courses

Any student withdrawing from a course after the add/drop deadline will receive a grade of "W" for that course. Withdrawal forms are available at the CCDE Registration Center at the UMass Boston campus (Wheatley Hall, second floor, room 203); students may also withdraw from a course using the WISER student self-service system (wiser.umb.edu). A student withdrawing from a course does not receive a refund. Failure to submit a withdrawal form before 4:00pm on the day of the withdrawal period deadline (see Academic Calendar, inside front cover) will result in a grade of "F". Non-attendance does not constitute withdrawal.

Academic Standing

Students must maintain a required 2.00 cumulative average.

Academic Warning. A student whose semester average falls below 2.00 but whose cumulative average still meets the required minimum receives a warning posted in an obvious place on the online degree audit system to put the student on notice.

Academic Probation. At the end of the first semester in which a student does not meet the required minimum cumulative average of 2.0, he or she is placed on probation. A letter is sent informing the student of his or her probationary status and strongly urging consultation with the student's advisor to review the forthcoming semester's program. While on academic probation, a student shall not be eligible to hold office in any recognized student organization, to represent the University in any sense, or to participate on any intercollegiate athletic team.

Academic Suspension. The student who does not meet the required minimum cumulative average for the second consecutive semester is suspended for one semester. The student must apply for readmission through the appropriate authority. The readmitting body may set conditions on the student's schedule, and shall set standards for retention. A student who has received a semester average of at least 2.0 for the semester immediately preceding suspension may appeal for an additional probationary period. The appeal authority may set conditions for granting the appeal. If the student does not meet the conditions, suspension will automatically follow.

Academic Dismissal. A student who, subsequent to suspension and readmission, does not meet the retention standards set by the readmitting body shall be dismissed. A student who has been dismissed may appeal for readmission after one year.

A student who has been dismissed or suspended may not register for CCDE credit courses.

Transfer Credit

Students from institutions other than UMass Boston (including other institutions in the University of Massachusetts system) who wish to transfer credits earned in CCDE credit courses should contact their college or university concerning specific transfer requirements.

UMass Boston units are treated as transfer credits at UMass Amherst. Students must earn a grade of "C-" or better to transfer the course. Letter grades earned at UMass Boston will not be used in grade point average calculations and the credit will not be counted as residence credit.

Most institutions require a student to obtain authorization in advance for each CCDE credit course in which the student wishes to enroll for transfer credit.

Transcripts

Requests for official transcripts must be submitted in writing to the Office of the Registrar, University of Massachusetts, 100 Morrissey Blvd, Boston, MA 02125. Students may present their written requests in person at the One Stop, Upper Level Campus Center, by fax at 617.287.6242, by mail, or by using the WISER system (www.wiser.umb.edu).

ID Cards

ID cards may be obtained through the Student Life Office (Campus Center, 3rd floor) Monday through Thursday, 9:00am-7:00pm. Friday, 9:00am-5:00pm. The office will be open for extended hours during the first two weeks of the semester and on the first few Saturdays of the semester. Please call for these extended hours. Students must present a valid driver's license, passport, or other official form of photo identification when requesting ID cards. Those students who do not possess a valid form of photo identification can call the ID office at 617.287.7957 to get a list of acceptable alternate forms of identification. The charge is $10 for the first card (cash or money order; no personal checks) and $15 for a replacement card.

Note: Students taking off-campus and weekend courses receive a special ID card. This card permits the holder to use the facilities of the Healey Library, but it does not provide access to the University's athletic facilities, health services, or fee-supported student activities.

Public Safety

The UMass Boston Public Safety Department is charged with the responsibility of helping to provide a safe and secure environment in which faculty, students, and staff will be able to teach, learn, and work. The Department's Administrative Office and Communications Center are located on the Plaza Level of the Quinn Administration Building. The main number for the Public Safety Office is 617.287.7799. Routine service requests for police and security services can be made on 617.287.7799, 7.7780, and 7.7781. For all emergencies on campus, dial 911.

Emergency Cancellations of Classes

When classes and activities held at the UMass Boston campus are canceled because of snow or other emergencies, the University will announce cancellations beginning at 6:00am. The University main telephone line, 617.287.5000, will carry a taped announcement when the University is closed or opening late. The bulletin board at UMass Boston's web site (www.umb.edu) will contain weather announcements. Radio stations WUMB-FM (91.9), WBZ-AM (1030), and WRKO-AM (680), and television stations WBZ-TV (Channel 4), WCVB-TV (Channel 5), and WHDH-TV (Channel 7) will also carry cancellation announcements 6:00-7:00am, Monday through Saturday. Decisions about cancellations at off-campus sites are made by the local facility, not by the University. Students taking classes at off-campus sites should listen for radio announcements concerning the closing of those locations.

Bookstore

Books for all credit courses offered on or off campus may be purchased in the Campus Center, UL (Upper Level). The bookstore is open Monday through Thursday, 8:30am-6:30pm; Friday, 8:30am-4:30pm. Hours will be extended for the first three weeks of the semester. For more information, call 617.287.5090. Books may also be purchased online at www.efollett.com

Library

The Joseph P. Healey Library contains approximately 500,000 volumes and currently subscribes to more than 3,700 popular and scholarly periodicals. The library is centrally located on the UMass Boston campus plaza, easily accessible from the catwalk that connects all buildings on campus. The Healey Library's regular hours are as follows: Monday through Thursday, 8:00am-11:00pm; Friday, 8:00am-7:00pm; Saturday 9:00am-5:00pm; Sunday, 11:00am-7:00pm. These hours may vary during holidays, intersessions, and vacations; for current hours, please call 617.287.5903. For further library information, call 617.287.5902.

For information on access to library resources for online students, visit ccde.umb.edu/dl and click on "Frequently Asked Questions."

Academic Advising and Career Counseling

University Advising Center, Campus Center, 1st floor, 617.287.5500. Monday through Thursday, 8:30am-6:00pm, Friday, 8:30am-5:00pm (walk-in services available; please call for an updated schedule.)

Academic advising is also available during the day or evening, by appointment, at the CCDE office. For more information, call Ed Zaleskas at 617.287.7900 or email edward.zaleskas@umb.edu.

Cafeteria

Food service is available to Friday and Saturday students at the Atrium Cafe (UL, Campus Center) Friday 8:00am-6:00pm, Saturday 8:00am-2:00pm. The Wit's End Cafe (3rd floor, Wheatley Hall) is open on Friday until 6:00 p.m., closed on Saturday.

Ross Center for Disability Services

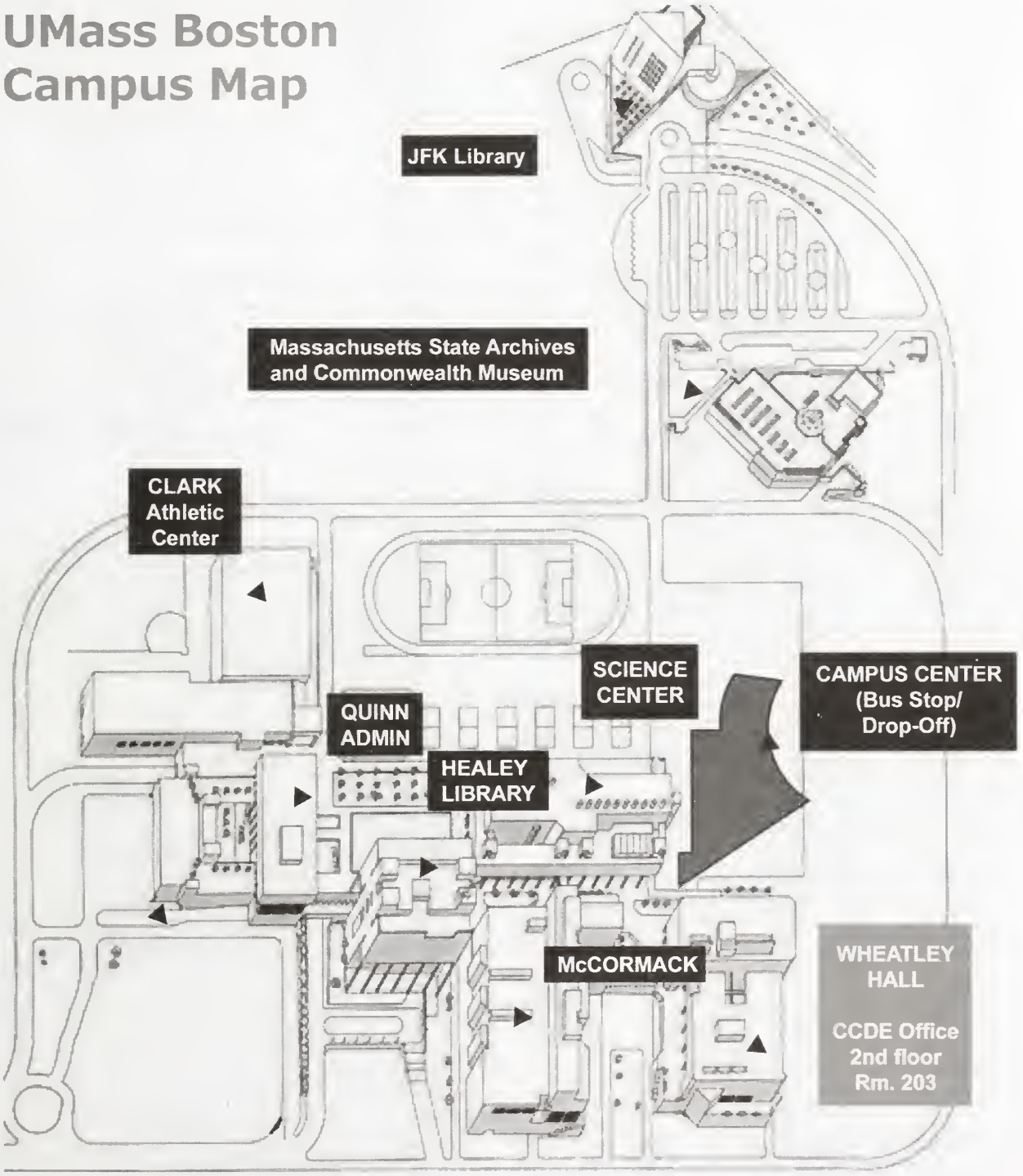
Campus Center, 2nd floor, 617.287.7430; Monday through Thursday 8:30am-5:00pm; Friday, 8:30am-5:00pm; other hours by arrangement. The Lillian Semper Ross Center for Disability Services provides a full range of support services including: note taking, reading on tape, interpreting for students who are deaf, administering exams with accommodation to disability, counseling, and more. All students with disabilities and the entire University community are welcome to visit and inquire about our many services and resources.

Veterans Services

Student Administrative Services Center, Campus Center, Upper Level, M-F 8:30am-5:00pm

Assistance is available to veterans in obtaining their educational benefits and resolving related problems.

UMass Boston Campus Map



UMass Boston Campus

100 Morrissey Boulevard

DIRECTIONS:

For directions to the UMass Boston campus, see page 2.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
AFRSTY 101	Introduction to Africana Studies	14
AMST 206	The Sixties	14
AMST 21S	America on Film	14
AMST 372L	American Women Writers and American Culture	1S
ANTH 10S	Introduction to Biological Anthropology	1S
ANTH 271	Peoples and Cultures of the Middle East	1S
ART 100	The Language of Art	16
ART 101	Ancient and Medieval Art	16
ART 281	Drawing I	16
BIOL 108	Introduction to Nutrition	16
COMSTU 105	Oral Communication	17
CRMJUS 321L	Race and Ethnic Relations	17
CRMJUS 368L	Alcoholism: Etiology and Epidemiology	18
CRMJUS 467L	The Sociology of Law	18
EEOS 101	The Global Environment	19
ENGL 101	Freshman English I	18
ENGL 102	Freshman English II	19
ENGL 201	Five Major British Writers	19
ENGL 372L	American Women Writers and American Culture	19
FRENCH 102	Elementary French II	20
HIST 112	Modern Western Civilization	20
HIST 166	American History after 1877	20
HIST 339	Modern Irish History from 1800 to the Present	20
LATAM 20S	Latin American Film	21
LING 1S2	Elementary American Sign Language II	21
MATH 11S	College Algebra	22
MATH 12S	Introductory Statistics	23
MATH 130	Precalculus	23
MATH 134	Managerial Algebra and Calculus	23
MUSIC 111	An Introduction to Music	23
MUSIC 18S	Private Music Lessons	23
PHIL 100	Introduction to Philosophy	2S
PHIL 108	Moral and Social Problems	2S
PHIL 222	Moral Issues in Medicine	25
POLSCI 102	Government and Politics of the United States	26
POLSCI 202	Comparative Politics of Transitional Societies	26
PSYCH 100	Introductory Psychology	27
PSYCH 102	Introduction to Behavioral Research	27
PSYCH 242	Adolescence	27
PSYCH 250	Learning and Memory	28
PSYCH 260	Behavioral Neuroscience	28
PSYCH 339	Psychology of Law	28
RELSTY 104	Socrates, Jesus, Buddha	28
SOCIOL 201	Youth and Society	29
SOCIOL 281	Society and the Individual	29
SOCIOL 321L	Race and Ethnic Relations	29
SOCIOL 362	Juvenile Delinquency	29
SOCIOL 368L	Alcoholism: Etiology and Epidemiology	30
SOCIOL 467L	The Sociology of Law	30
SPAN 106	Basic Spanish for Communication II	30
WOST 110	Women in Global Perspectives	32
WOST 181	Women, Work and Stress	32
WOST 182	Women And Addiction	32

GRADUATE CREDIT COURSES

Course #	Title	Page
BWPEDU S01	Teacher as Writer	3S
BWPEDU S10	Writing in the Content Areas	3S
BWPEDU S30	Teaching and Writing Poetry K-12	3S
CRCRTH 630	Criticism and Creativity In Literature and Arts	34
GERON GR 691	Capstone Seminar	3S
INSDSG 601	Introduction to Instructional Design	36
INSDSG 602	The Adult as Learner	36
INSDSG 604	Communication Theory for Organizations	36
INSDSG 610	Television Principles for Instructional Design	36
INSDSG 614	Writing for the Business Professional	36
INSDSG 617	Advanced Computer-Based Training	36
INSDSG 618	Assessment in the Instructional Design Process	37
INSDSG 632	Workplace Education: Theory and Practice	37
INSDSG 640	Planning and Design of Educational Multimedia Programs	37
INSDSG 690	Capstone Seminar	37
SPAN S1S	Latin American Film for the Spanish Language Classroom	39

CORPORATE & PROFESSIONAL TRAINING

Alcoholism/Chemical Dependency Treatment Services	S0
Human Resource Management	S0
Practical Project Management	S1
PMP Exam Preparation	S1

ENGLISH LANGUAGE STUDY *(see pages 54-55)*

ESL: The Intensive Course	S4
University Preparation	S4
ESL: Business English Option	S4
Evening ESL Classes	S5
Professional Communication for Non-Native Speakers	S5
TOEFL Test Preparation	S5

GRADUATE TEST PREPARATION *(see page 53)*

Andover

Greater Lawrence Regional Vocational High School
57 River Road

DIRECTIONS:

I-93 to Exit 45, left onto River Rd.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
OCC ED 218	Seminar for the Beginning Vocational Technical Teacher	31`

Braintree

Braintree High School, 128 Town Road

DIRECTIONS:

Interstate 93 to Exit 6 (Route 37), merge onto Granite St., left on Town Road.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
BIOL 112	General Biology II	16
CRMJUS 363L	Corrections	18
PSYCH 100	Introductory Psychology	27
SOCIOL 363L	Corrections	30

Copley Square, Boston

Muriel S. Snowden International School, 150 Newbury Street

DIRECTIONS:

At corner of Newbury and Dartmouth Streets, Back Bay, Boston. MBTA: Take Green Line to Copley station, one block north on Dartmouth Street to Newbury Street.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
AF 201	Personal Finance	14
AF 210	Financial Accounting	14
AF 211	Managerial Accounting	14
ANTH 262	Dreams and Dreaming	15
ANTH 280	Amish Culture and Society: An Anthropological View	16
BIOL 108	Introduction to Nutrition	16
CRMJUS 262L	Criminology	17
CRMJUS 351L	Methods of Sociological Research	17
ECON 101	Introduction to Microeconomics	18
ECON 102	Introduction to Macroeconomics	18
EEOS 225	Weather and Climate	19
ENGL 101	Freshman English I	18
ENGL 102	Freshman English II	19
ENGL 206	Six American Authors	19
ENGL 210	Introduction to Creative Writing	19
HIST 111	Foundations of Western Civilization	20
HIST 114	Modern World History II	20
MATH 125	Introductory Statistics	23
MGT 130	Introduction to Business	21
PHIL 100	Introduction to Philosophy	25
PHIL 108	Moral and Social Problems	25
POLSCI 101	An Introduction to Politics and Political Science	26
POLSCI 220	International Relations	26
PSYCH 100	Introductory Psychology	27
PSYCH 234	Psychology of Cross-Cultural Relations	27
PSYCH 241	Infancy and Childhood Development	27
PSYCH 333	Group Dynamics	28
RELSTY 109	Symbol, Myth and Ritual: Cultural Studies in Religion	28
SOCIOL 101	Introduction to Sociology	29
SOCIOL 262L	Criminology	29
SOCIOL 316	Family Violence	29
SOCIOL 351L	Methods of Sociological Research	29

GRADUATE TEST PREPARATION *(see page 53)*

Framingham

Joseph P. Keefe Technical School, 750 Winter St.

DIRECTIONS:

I-90 to Exit 13, left on Rt. 30, right on High St. (becomes Salem End Rd.), left on Winter st.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
OCC ED 218	Seminar for the Beginning Vocational Technical Teacher	31

CORPORATE & PROFESSIONAL TRAINING

Alcoholism/Chemical Dependency Treatment Services	50

Franklin

Tri-County Regional Vocational Technical High School
147 Pond St.

DIRECTIONS:

I-495 to Exit 11A, Rt. 140 S. to Exit 17, left on Old West Central St., becomes Pond St.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
OCC ED 218	Seminar for the Beginning Vocational Technical Teacher	31
OCC ED 219	Managing Student Behavior and Creating a Healthy and Safe Environment	31

New Bedford

Greater New Bedford Regional Vocational High School
1121 Ashley Boulevard

DIRECTIONS:

Rt. 24 to exit 12, south on Rt. 140, exit 6 to Rt. 18 (Ashley Blvd).

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
OOCC ED 218	Seminar for the Beginning Vocational Technical Teacher	31
OCC ED 223	Teaching Methods for Voc/Tech Using Research Based Strategies	31

Online Courses

For information about UMass Boston's online courses and programs, see page 41.

Online courses are marked in the following pages with the symbol at left.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
AF 201	Personal Finance	14
ANTH 106	Introduction to Cultural Anthropology	15
ANTH 107	Introduction to Archaeology	15
ANTH 272	Peoples and Cultures of Africa	15
BIOL 101	The Basis of Life	16
COMSTU 210	Using Internet Communication	17
ECON 101	Introduction to Microeconomics	18
ECON 102	Introduction to Macroeconomics	18
ENVSTY 101	The Nature of Environmental Problems	20
HIST 165	American History before 1877	20
HIST 316	Europe Since 1945	20
HIST 363L	Modern Japan	21
LATIN 101	Fundamentals of Latin I	17
LATIN 102	Fundamentals of Latin II	17
LATIN 222	Ovid-Metamorphoses	17
MGT 130	Introduction to Business	21
MSIS 105	Introduction to Information Systems	21
MSIS 111	Managerial Statistics	21
MSIS 123	Introduction to Information Security	21
MSIS 124	Introduction To Visual Basic.Net	22
MSIS 212	Managerial Decision Making	22
MUSIC 248	Universe of Music	24
NURSNG 360	Professional Issues in Nursing	24
NURSNG 361	Health Assessment and Promotion	24
NURSNG 362	Nursing Research & Information	24
NURSNG 461	Community Health Nursing for RNs	25
NURSNG 462	Legal, Ethical and Health Policy	25
OCC ED 218	Seminar for the Beginning Vocational Technical Teacher	31
OCC ED 219	Managing Student Behavior and Creating a Safe & Healthy Environment	31
OCC ED 220	Teaching Methods for the Voc-Tech Educator: Instructional Strategies	31
OCC ED 222	Developing & Implementing a Standards-Based Curriculum	31
OCC ED 223	Teaching Methods for Voc/Tech Using Research Based Strategies	31
OCC ED 224	Addressing the Needs of Students With Disabilities in Voc/Tech	32
PHYSIC 280	Energy for the Future	26
POLSCI 220	International Relations	26
POLSCI 311	Political Parties	26
POLSCI 377	Special Topics in Politics	26
POLSCI 377	International Organized Crime	27
POLSCI 377	The Politics of Global Finance	27
PSYCH 337	Communication and Society	28

SOCIOL 101	Introduction to Sociology	29
SOCIOL 160	Social Problems	29
SOCIOL 367	Drugs and Society	30
SPAN 101	Elementary Spanish I	30
SPAN 102	Elementary Spanish II	30
SPAN 102	Elementary Spanish II	30
WOST 240	Educating Women	32
WOST 260	Women's Health Care	32

GRADUATE CREDIT COURSES

Course #	Title	Page
APLING 625	Second Language Acquisition	33
COUNSL 604	Foundations of Mental Health Counseling	33
COUNSL 612	Vocational Rehabilitation and Placement	33
COUNSL 653	Perspectives in Cross-Cultural Counseling	33
COUNSL 672	Substance Abuse and The Family	33
CRCRTH 602	Creative Thinking	33
CRCRTH 616	The Dialogue Process	34
CRCRTH 618	Creative Thinking, Collaboration and Organizational Change	34
CSDEDU 550	Assessment Strategies and Practice	34
CSDEDU 560	Practice into Theory: High Standards for All Learners	34
EDC G 610	Computers, Technology, and Education	34
GERON GR 611	Health and Physical Changes in Aging	35
GERON GR 645	Marketing of Aging Services	35
INSDSG 601	Introduction to Instructional Design	36
INSDSG 603	Selection and Evaluation of Instructional Materials	36
INSDSG 616	Production of Computer-Based Training	36
INSDSG 655	Project In Multimedia	37
NURSNG 614	Advanced Pathophysiology	37
NURSNG 631	Role of the Advanced Practice Nurse	38
NURSNG 634	Pharmacology for Advanced Practice Nurses	38
NURSNG 637	Mental and Psychosocial Health of the Urban Family	38
NURSNG 671	Primary Care of Older Adults	38
NURSNG 672	Primary Care of Adult/Older Adult Practicum III	38
NURSNG 681	Primary Care of The Child Bearing Family	38
NURSNG 682	Primary Care of Family - Practicum III and Capstone	39
PAF 697	Understanding Public Policy	39
SPAN 512	Assessing Foreign Language Learners of Spanish	39
SPE G 630	Consultation and Interpersonal Skills II	39
SPE G 684	Computers in Special Education	40

CORPORATE & PROFESSIONAL TRAINING *(see pages 50-52)*

Alcoholism/Chemical Dependency Treatment Services	50
Design and Developing Content I	51
User Assistance	51
Practical Project Management	51
Introduction to the Urban Landscape Using Boston as a Case Study	52
How to Read Urban Open Space	52
Plant Materials for the Urban Landscape	52
Urban Landscape Design	52

Plymouth

Cordage Commerce Center
36 Cordage Park Circle, Suite #201

DIRECTIONS:

Rte. 3 to Exit 9 (Kingston/N. Plymouth), left onto Main St. (Rte. 3A), Main St. becomes Court St., follow to Cordage Commerce Center.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
OCC ED 218	Seminar for the Beginning Vocational Technical Teacher	31
OCC ED 221	Teaching & Assessing the Vocational-Technical Learner	31
OCC ED 222	Developing & Implementing Standards-Based Curriculum in Voc/Tech	31
OCC ED 223	Teaching Methods for Voc/Tech Using Research Based Strategies	31
OCC ED 224	Addressing the Needs of Students With Disabilities in Voc/Tech	32

CORPORATE & PROFESSIONAL TRAINING

Alcoholism/Chemical Dependency Treatment Services	50

Wakefield

Northeast Metropolitan Regional Vocational High School
100 Hemlock Road

DIRECTIONS:

Rte 1 north to Main St. (Melrose/Stoneham) exit, merge onto Main St., Main St. becomes Farm St., right onto Hemlock Rd.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
OCC ED 218	Seminar for the Beginning Vocational Technical Teacher	31
OCC ED 221	Teaching & Assessing the Vocational Technical Learner	31
OCC ED 223	Teaching Methods for Voc/Tech Using Research Based Strategies	31
OCC ED 224	Addressing the Needs of Students With Disabilities in Voc/Tech	32

IF YOU HAVE QUESTIONS...

...about your eligibility to enroll in CCDE courses, or about College of Liberal Arts (CLA) and College of Science & Mathematics (CSM) distribution and diversity requirements, turn to page 6, "Academic Information."

UNDERGRADUATE COURSES

Accounting and Finance

PERSONAL FINANCE **AF 201**

Introduces students to planning and managing personal and family finances. Topics include financial planning and budgeting, banking and borrowing, making major purchases like a home or car, insuring against risk, investing, and tax, retirement and estate planning. This course cannot be counted toward the finance or accounting concentrations of the College of Management.
3 Credits, Course fee: $615

COPLEY
M 6:00-9:00pm
Class No 10668

ONLINE
Special course fee: $775
Class No 10669

FINANCIAL ACCOUNTING **AF 210**

Presents the theory and techniques of financial accounting. The course encompasses the basic functions of collecting, processing, and reporting accounting information for interested third parties (e.g., owners, investors, and government) and enables students to analyze, interpret, and use accounting information effectively.
Prerequisite: 30 credits
3 Credits, Course fee: $615

COPLEY
W 6:00-9:00pm
Class No 10670

MANAGERIAL ACCOUNTING **AF 211**

Presents the theory and technique of managerial accounting, from the particular perspective of the manager. The course covers the identification and analysis of the behavior of costs within the organization, and illustrates how managers use such knowledge for planning and control. Major topics include responsibility accounting, comprehensive and cash budgeting, and standard job order and process cost systems.
Prerequisites: AF 210 and a minimum of 30 credits.
3 Credits, Course fee: $615

COPLEY
Tu 6:00-9:00pm
Class No 10671

Africana Studies

INTRODUCTION TO AFRICANA STUDIES **AFRSTY 101**

This course presents an overview of the major theories in the field of Africana studies. It seeks to explore the Africana experience in a way that is orderly, systematic, and structurally integrated; and to convey an understanding of the cultural, historical, and political roots of this experience. The course focuses chronologically on major historical episodes through a study of ancient African civilizations, slavery, colonialism, and African liberation movements.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: World Cultures.
Diversity Area: International.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-062
Class No 1003

American Studies

THE SIXTIES **AMST 206**

The course focuses on protest and the role of youth. Who protested and why? Was the phenomenon of the sixties an aberration or part of a larger radical tradition in America? What was the impact on the seventies? Readings are drawn from the works of participants in the student, black, feminist, and peace protest movements, from the intellectuals who defended and attacked them, and from the growing body of retrospective, analytic, and historical literature which attempts to explain what really happened in that tumultuous decade.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
Diversity Area: United States.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-054
Class No 1005

AMERICA ON FILM **AMST 215**

This course focuses on the flowering of American cinema through decades of social, political, and cultural change. It examines both classic representations of "The American Experience" and films which challenge such classic representations. The relations between film and other arts, and between film, history, and ideology, are an ongoing concern.
Prerequisite: ENGL 102
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: The Arts.
Diversity Area: United States.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-056
Class No 1006

AMERICAN WOMEN WRITERS AND AMERICAN CULTURE — AMST 372L

This course examines the significant contributions that women writers have made to the creation and development of an American national literature and culture. Points of emphasis include studying representative writers from different historical periods; examining the structures, forms, themes, concerns, and cultural contexts of individual works; and examining the relation of women's writing to American culture.
Prerequisite: A minimum of 30 credits or permission of instructor.
Diversity Area: United States.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-012
Class No 10672

Anthropology

INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY ANTH 105

The study of the biological heritage of humans. Topics include primate classification, primate and human evolution, evolutionary theory and the genetic basis of evolutionary change, and human biological variation.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-058
Class No 1007

INTRODUCTION TO CULTURAL ANTHROPOLOGY — ANTH 106

An introduction to the anthropological study of cultures, based on ethnographic descriptions and analyses of tribal, developing, and modern state societies. The course explores a variety of concepts and approaches to the study of culture, and participants acquire experience in critical reading, critical thinking, and analytic writing. Students who have taken ANTH 103 may not receive credit for ANTH 106.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $775

ONLINE COURSE
ONLINE
Class No 6308

INTRODUCTION TO ARCHAEOLOGY — ANTH 107

The study of the past through scientific analysis of the traces left behind by humans. This course introduces the history, theory, and methods of archaeological research through lectures and hands-on projects. Archaeological data are then used to examine such major transformations of human cultural evolution as the domestication of plants and animals and the origins of complex civilizations. Students prepare a paper suitable for the Writing Proficiency Requirement Portfolio. Students who have taken ANTH 102 may not receive credit for ANTH 107.
Distribution I Area: Natural Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $775

ONLINE COURSE
ONLINE
Class No 1008

DREAMS AND DREAMING — ANTH 262

A cross-cultural exploration of dreams and dreaming across cultures, with general attention to the western Pacific, and the Mekeo people of Papua New Guinea in particular: review of the anthropology of dreams in the context of theoretical works by Freud and Jung, and recent neurobiological studies; and the relationship of dreams to notions of the self, person, and individual.
Distribution Area I: Social and Behavioral Science.
3 Credits, Course fee: $615

COPLEY
Tu 6:00-9:00pm
Class No 6310

PEOPLES AND CULTURES OF THE MIDDLE EAST — ANTH 271

An examination of historical and sociopolitical forces in the formation of the contemporary Middle East; the cultural, ethnic, and economic diversity of modern nation-states in this region; neo-colonialism and imperialism as persisting obstacles to development and progress in this part of the world; and the role of Islam in reformist and revolutionary movements.
Distribution I Area: Historical and Cultural Studies.
Diversity Area: International.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-047
Class No 1009

PEOPLES AND CULTURES OF AFRICA — ANTH 272

An in-depth study of selected African societies, examining traditional institutions, the colonial situation, and modernization.
Distribution I Area: Historical and Cultural Studies.
Diversity Area: International.
3 Credits, Special course fee: $775

ONLINE COURSE
ONLINE
Class No 10678

AMISH CULTURE AND SOCIETY: AN ANTHROPOLOGICAL VIEW — ANTH 280

This course offers an in depth look at this unique American sub-culture from an anthropological perspective. Topics include: the origins and early history of the Amish within the European Reformation; the growth and development of Amish communities in the U.S.; Amish beliefs and practices concerning technology, agriculture, education, social organization, language and economics; the relation of Amish communities to Mennonite, Hutterite and similar religious movements in America; issues of tourism and commercialism among the Amish; and the relation of Amish communities to American culture and society as a whole. Course materials will include ethnographic, historical and literary sources, as well as films and indigenous Amish writings.
3 Credits, Course fee: $615

COPLEY
W 6:00-9:00pm
Class No 10679

Art

THE LANGUAGE OF ART — ART 100

The course teaches students to begin to understand the processes of artistic creation. It enables the student to grasp the expressive content of works of art in a wide variety of media and to analyze how the artist creates his/her effect. It is not an historical survey. Through lectures, discussions, field trips, and museum visits, the student studies paintings, sculptures, and buildings; examples are chosen as often as possible from the Boston area. The course addresses such concepts as hierarchies, elements of composition, rhythm, symmetry, space, and the possibilities of differing interpretations of subject matter. It offers a solid introduction to the arts by developing the student's ability to see and analyze forms as the result of aesthetic and interpretive decisions.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, M-3-430
Class No 10680

ANCIENT AND MEDIEVAL ART — ART 101

The course offers an historical survey of art and architecture of the ancient world, giving particular emphasis to Egyptian, Greek and Roman cultures. Students are also introduced to the arts in Medieval Europe, with a special focus on the Romanesque and Gothic styles.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 12:00-3:00pm, M-3-430
Class No 1011

DRAWING I — ART 281

Basic materials and techniques, with emphasis on drawing as a primary means for the description and interpretation of people and their environment. Problems in still life, landscape, and life drawing.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
3 Credits, Course fee: $615, Lab fee: $20

UMASS BOSTON CAMPUS
S 12:00-4:30pm, H-8-009
Class No 1012

Biology

THE BASIS OF LIFE — BIOL 101

The uniqueness of life within the physical universe. The matter and energy of life, the genetic code, molecular biology, and the origin and evolution of life. An overview for students in the humanities and social sciences of those features which distinguish living organisms from non-living things. No background in the natural sciences is required.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Special course fee: $775

ONLINE
Class No 1013

INTRODUCTION TO NUTRITION — BIOL 108

Introduction to the elements of nutrition with emphasis on nutrition for humans; examination of food stuffs and nutritional quality, physiology of food utilization, food quality regulations, and the global ecology of food production. No background in the natural sciences is required.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-057
Class No 1015

COPLEY
Th 6:00-9:00pm
Class No 1014

GENERAL BIOLOGY II — BIOL 112

An integrated course stressing the principles of biology. Life processes are examined primarily at the organismal and population levels. Intended for students majoring in biology or for non-majors who wish to take advanced biology courses.
Prerequisite: Biol 111.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
4 Credits, Course fee: $820, Lab fee: $75

BRAINTREE
MW 6:30-9:30pm
Class No 1016

Latin

FUNDAMENTALS OF LATIN I **LATIN 101**

Designed to complete a standard basic textbook with Latin 102.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
3 Credits, Special course fee: $775

ONLINE
Class No 6414

FUNDAMENTALS OF LATIN II **LATIN 102**

Continuation of Latin 101.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
3 Credits, Special course fee: $775

ONLINE
Class No 1053

OVID-METAMORPHOSES **LATIN 222**

Continuation of Latin 211. Credit may be applied to major.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
3 Credits, Special course fee: $775

ONLINE
Class No 10718

Communication Studies

ORAL COMMUNICATION **COMSTU 105**

The course focuses on improvement of interpersonal, small group, and public communications skills. Through readings, journals, class discussions and activities, we explore the following: self-concept and perception, listening and responding, language and non-verbal behaviors, interviewing, problem-solving and decision-making, formal elements of speech-making, the evaluation of one's own and others' public messages.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-046
Class No 1017

USING INTERNET COMMUNICATION **COMSTU 210**

The major purpose of this course is to enhance the students' abilities to communicate effectively using information technologies, especially the technologies of telecommunication. Students will review basic principles about effective communication generically, and will participate in the translation of these principles into working guidelines for electronic communications in interpersonal, small group, and public presentational settings. They will apply these guidelines in technological modes befitting these respective settings, including e-mail, document sharing, discussion forums and chats presentation software, audio and streaming video, and possibly group decision support systems (GDSS). A few basic web-design principles will be presented and students will create individual web pages or sites, but the major focus will be on communication inside organizations for problem solving rather than on public relations.
Distribution I Area: Social and Behavioral Science.
3 Credits, Special course fee: $775

ONLINE
Class No 1018

Criminal Justice

CRIMINOLOGY **CRMJUS 262L**

A general survey and analysis of adult crime. Attention to historical development of criminological thought, societal reaction to crime, and behavioral systems. Emphasis on theories of criminality and issues in the administration of justice by police and courts.
Prerequisite: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

COPLEY
Th 6:00-9:00pm
Class No 1020

RACE AND ETHNIC RELATIONS **CRMJUS 321L**

An examination of racial and ethnic relations in contemporary society, including the history and sociology of the immigration experience, bilingual education, the nature and character of discrimination, neighborhood change, and racial and ethnic conflict.
Prerequisite: SOCIOL 101.
Diversity Area: United States.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-019
Class No 1021

METHODS OF SOCIOLOGICAL RESEARCH **CRMJUS 351L**

Design of sociological research and methods of inquiry. Organization and analysis of data, development of research projects.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $615

COPLEY
W 6:00-9:00pm
Class No 1022

CORRECTIONS **CRMJUS 363L**

Prisons, jails, parole, and probation. Attention to inmate social structure, and philosophy underlying the correctional system and modern treatment approaches.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $615

BRAINTREE
Tu 6:30-9:30pm
Class No 1023

ALCOHOLISM: ETIOLOGY AND EPIDEMIOLOGY CRMJUS 368L

An in-depth interdisciplinary analysis of the nature, causes and extent of alcoholism and problem drinking. Analysis of drinking patterns and drinking problems cross-culturally and among subgroups in the population such as women, prison inmates, the elderly, and homeless people.
Prerequisite: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
F 6:00-9:00pm, W-1-019
Class No 1024

THE SOCIOLOGY OF LAW **CRMJUS 467L**

A general analysis of the social origins and consequences of law and legal process; special emphasis on law as a method of conflict resolution and as a social control structure, and on law and social change. Attention also given to law in other societies, including non-literate societies, to the evolution and development of legal structures, and to patterns of due process and criminal law.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-019
Class No 1025

Economics

INTRODUCTION TO MICROECONOMICS **ECON 101**

A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is placed on the functioning of markets and on examining the behavior of individual economic units such as the business firm and the consumer (microeconomics). Other areas of emphasis vary from section to section and may include industrial organization, income distribution, international trade, economics of the environment, and other topics.
Prerequisite: MATH 114Q or 115 or equivalent MATH level.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

COPLEY
Tu 6:00-9:00pm
Class No 1028

ONLINE COURSE
ONLINE
Special course fee: $775
Class No 1029

INTRODUCTION TO MACROECONOMICS **ECON 102**

A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is placed on examining the overall functioning of the economy and on dealing with such matters as unemployment, inflation and recession. Other areas of emphasis vary from section to section and may include economics of government spending and taxation, economic development, alternative economic systems, and other topics.
Prerequisite: MATH 114Q or 115 or equivalent MATH level.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

COPLEY
Th 6:00-9:00pm
Class No 1030

ONLINE COURSE
ONLINE
Special course fee: $775
Class No 1031

English

Note: ENGL 101 and 102 are prerequisites for all English courses above the 100 level. For non-majors, one 200-level English course is prerequisite for all 300- and 400-level English courses. These requirements may be modified or waived for certain courses: see the following course descriptions for such changes. The student who is strongly motivated to take a course for which he or she has not satisfied the prerequisites should contact the instructor for advice and permission.

Students whose first language is not English and who have not previously completed a UMass Boston English or ESL credit course must take a writing placement test before registering for any English or ESL course. For further information, see page 6 ("Diagnostic Testing").

FRESHMAN ENGLISH I **ENGL 101**

English 101 is an introductory course in critical reading and writing that prepares students for working with the complex texts and ideas they will find in their college studies. English 101 teaches students to discover and shape their own perspectives in dialogue with challenging readings. Through carefully sequenced assignments, students are guided through various processes for constructing academic essays that may include journal writing, glossing texts, discussing student papers in class, peer reviewing, and especially revising. Readings and materials vary from section to section.
Note: This course satisfies the first half of the College's freshman writing requirement.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-037
Class No 1033

COPLEY
MW 7:30-9:00pm
Class No 1032

FRESHMAN ENGLISH II **ENGL 102**

If English is not your first language, you may be placed into 102E, a course devoted to ESL students. This course, designed for non-native speakers of English, parallels 102 and meets the same graduation requirement. The following description therefore applies as well to 102E. Freshman English 102 is a more advanced course in critical reading and writing than 101; it is intended to help students prepare for their upper-level courses and the Writing Proficiency Requirement. Through sequenced assignments, students learn to sustain inquiries on particular themes or issues and to treat subjects from different perspectives, including their own. Through frequent reading and writing assignments, students learn to analyze the structures of essays and arguments so they are able to develop informed responses to them. As in 101, drafting and redrafting are emphasized. One of the course papers will be a researched essay that builds on course themes and issues.
Prerequisite: ENGL 101.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-037
Class No 1035

COPLEY
MW 6:00-7:30pm
Class No 1034

FIVE MAJOR BRITISH WRITERS **ENGL 201**

Representative works by five of the most important writers from the fourteenth to the nineteenth century, studied as introductions to philosophical and humanistic studies, explored as reflecting and shaping the leading ideas, assumptions, and values of their ages. Works by Chaucer, Shakespeare, and other authors such as Milton, Swift, and Austen, with films and background lectures on the philosophical and historical contexts of the works and their authors. Instruction in analytical reading and writing is provided.
Prerequisite: ENGL 102.
Distribution I Area: Philosophical and Humanistic Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-062
Class No 1036

SIX AMERICAN AUTHORS **ENGL 206**

The achievements of American literature in articulating the American mind are illustrated by works from some well-known American writers-Thoreau, Dickinson, Faulkner, for example-as well as from those who deserve to be better known, such as Frederick Douglass, Kate Chopin, Zora Neale Hurston.
Prerequisite: ENGL 102.
Distribution I Area: The Arts.
Distribution II Area: Humanities.
3 Credits, Course fee: $615

COPLEY
M 6:00-9:00pm
Class No 1037

INTRODUCTION TO CREATIVE WRITING **ENGL 210**

An introduction to the arts through the medium of writing as well as reading poetry and fiction. Student writing is submitted weekly and discussed in class.
Prerequisite: ENGL 102.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
3 Credits, Course fee: $615

COPLEY
Th 6:00-9:00pm
Class No 1038

AMERICAN WOMEN WRITERS AND AMERICAN CULTURE **ENGL 372L**

This course examines the significant contributions that women writers have made to the creation and development of an American national literature and culture. Points of emphasis include studying representative writers from different historical periods; examining the structures, forms, themes, concerns, and cultural contexts of individual works; and examining the relation of women's writing to American culture.
Diversity Area: United States.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-012
Class No 10673

Environmental, Earth and Ocean Science

CERTIFICATE PROGRAM: GEOGRAPHIC INFORMATION TECHNOLOGIES

See page 45.

THE GLOBAL ENVIRONMENT **EEOS 101**

An analysis of the physical geographic environment including the globe, the atmosphere and ocean, climate, soils, vegetation, and landform. Positive and negative interaction of human beings with these aspects of the environment is examined where appropriate.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-2-198
Class No 1026

WEATHER AND CLIMATE **EEOS 225**

This course investigates atmospheric processes forming the basis for weather patterns and climatic development on a global scale. Major topics include earth-sun relationships, heating and cooling of the atmosphere, atmospheric circulation, pressure patterns, air mass formation and frontal systems, episodic storms, vertical zonation of climate, and the Koppen System for evaluating and classifying climatic phenomena.
Prerequisite: 30 credits.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Course fee: $615

COPLEY
W 6:00-9:00pm
Class No 1027

Environmental Studies

THE NATURE OF ENVIRONMENTAL PROBLEMS ENVSTY 101

An introduction to environmental issues and analysis emphasizing comparisons between the sustainable characteristics of ecosystems, both natural and human, and the human impacts on the Earth's life support systems. Topics include human population growth, food production, use of natural resources, pollution, loss of biodiversity, and conservation strategies.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Special course fee: $775

ONLINE
Class No 1040

French

ELEMENTARY FRENCH II FRENCH 102

A continuation of French 101. Concentrated practice in the four language skills, with an audio-lingual approach, for students who have completed French 101 or its equivalent. Continued attention to French and francophone culture. Weekly lab attendance and assignments required.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Course fee: $820, Lab fee: $25

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-2-125
Class No 1041

History

FOUNDATIONS OF WESTERN CIVILIZATION HIST 111

A survey of the political, cultural, social, and economic history of Western society from antiquity until 1715. Emphasis is given to the critical analysis of primary sources.
Distribution Area I: Historical and Cultural Studies.
Distribution Area II: Humanities.
3 Credits, Course fee $615

COPLEY
Tu 6:00-9:00pm
class No 1045

MODERN WESTERN CIVILIZATION HIST 112

This course traces the major political, economic, and cultural changes which have shaped Western society from the Enlightenment to the present. Emphasis is given to the critical analysis of primary source materials.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-2-198
Class No 1046

MODERN WORLD HISTORY II HIST 114

History of modern Western industrial societies and the non-Western world, 1800-present.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Social and Behavioral Sciences.
Diversity Area: International.
3 Credits, Course fee: $615

COPLEY
W 6:00-9:00pm
Class No 1047

AMERICAN HISTORY BEFORE 1877 HIST 165

Introduces students at the intermediate level to the study of American history before 1877. The subject matter encompasses virtually all aspects of American society. The interrelationship between social structure, economic development, everyday life, culture and formal politics is explored throughout the course. Attention is given to the nature of historical inquiry and the development of writing skills.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
Diversity Area: International.
3 Credits, Special course fee: $775

ONLINE
Class No 1048

AMERICAN HISTORY AFTER 1877 HIST 166

A survey of American history from 1877 covering the nature of American social structure, economic development, everyday life, culture, and formal politics. Attention is given to the nature of historical inquiry and the development of writing skills.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-055
Class No 1049

EUROPE SINCE 1945 HIST 316

Political, economic, social, and intellectual history of Europe with attention to extra-European influences, from 1945 to the present.
3 Credits, Special course fee: $775

ONLINE
Class No 10703

MODERN IRISH HISTORY
FROM 1800 TO THE PRESENT HIST 339

This course examines the forces and movements in the development of Irish Nationalism from 1800 to the achievement of national independence. The course also explores the history of an independent Ireland.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
F 2:30-5:30pm, W-1-045
Class No 1050

MODERN JAPAN **HIST 363L**

A historical survey of economic, social, political and cultural developments in Japan from 1800 to the present, special consideration of economic and foreign policy problems.
Diversity Area: International.
3 Credits, Special course fee: $775

ONLINE COURSE
ONLINE
Class No 10704

Latin American Studies

LATIN AMERICAN FILM **LATAM 205**

This course examines Latin American feature and documentary film to analyze social, cultural and political themes and issues. Topics include: the development of national cinemas and their genres; film as art and industry; film and political engagement; representations of women and gender; and selected social and cultural subjects.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
Diversity Area: International.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-061
Class No 6320

Linguistics

ELEMENTARY AMERICAN SIGN LANGUAGE II **LING 152**

A continuation of LING 151 with emphasis on receptive and expressive skills.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-040
Class No 1054

Management

INTRODUCTION TO BUSINESS **MGT 130**

Familiarizes students with the nature of business and its relationship to other institutions in society. The course examines business ownership, organization, management, marketing, human resources management, production, and finance. In addition, the course explores issues in the relationships between capitalism and business, the law and business, and government and business.
3 Credits, Course fee: $615

COPLEY
Th 6:00-9:00pm
Class No 10719

ONLINE COURSE
ONLINE
Special course fee: $775
Class No 10720

Management Science and Information Systems

CERTIFICATE PROGRAM: FUNDAMENTALS OF INFORMATION TECHNOLOGY

See page 45.

INTRODUCTION TO INFORMATION SYSTEMS **MSIS 105**

Introduces computers, information systems, and their use in society for students with minimal prior knowledge in this area. Topics includes overviews of current information technology concepts and components, the Internet, and productivity software tools. The course offers an extensive hands-on component in the use of current technology. This course cannot be counted toward the management information systems or management science concentration in the College of Management.
3 Credits, Course fee: $615

ONLINE COURSE
ONLINE
Class No 10779

MANAGERIAL STATISTICS **MSIS 111**

Provides the student with the basic statistical techniques needed for business decision making in areas such as operations management, quality improvement, marketing research, finance, and general management. The course examines collection and presentation of data, frequency distributions, basic probability, statistical inference, and regression. Students use statistical software for data presentation and analysis.
Prerequisite: Math 129.
Corequisite: MSIS 110.
3 Credits, Special course fee: $470

ONLINE COURSE
ONLINE
Class No 11044

INTRODUCTION TO INFORMATION SECURITY **MSIS 123**

This course will present an overview of the threats to your information technology infrastructure and intellectual property, with an emphasis on the detection and prevention of intrusions or theft. The protection of services such as the World Wide Web, file sharing, and e-mail will be analyzed. The vulnerabilities and hardening of major operating systems such as Linux and Microsoft's Windows 2000 will be discussed. The course takes a holistic approach, discussing the technical but focusing on the need for proper training and procedures in the maintenance of an effective yet secure information technology infrastructure. While the material of the course is technical in nature, no systems administration or software development experience is assumed. A good familiarity with the use of the Internet and computers is required, and some knowledge of TCP/IP would be helpful.
3 Credits, Special course fee: $775

ONLINE COURSE
ONLINE
Class No 10722

INTRODUCTION TO VISUAL BASIC.NET — MSIS 124

This is an introductory course for Visual Basic.NET, an object-oriented, event-driven language that is a subset of the Visual Studio.NET environment. It is designed to provide the beginning Visual Basic programmer with the tools to create Visual Basic applications that conform to well-adopted Windows standards. In addition, it will introduce the students to object-oriented programming concepts, which are key to successful Windows and Web-based development efforts. While students are expected to have familiarity with basic Windows 95, Windows 98, or Windows 2000 concepts, little or no programming experience is required.
3 Credits, Special course fee: $775

ONLINE
Class No 10723

MANAGERIAL DECISION MAKING — MSIS 212

Provides the student with knowledge of more advanced decision making tools, building upon the skills developed in MSIS 110 and MSIS 111. The emphasis of this course is on using management information systems and quantitative analysis tools to improve the quality of managerial decision making. Topics include decision theory and analysis, optimization, simulation, and forecasting. Students use advanced functions in spreadsheet packages and decision support software for analysis of practically oriented problems in various management settings.
Prerequisites: MSIS 110 and one of the following: MSIS 111, MATH 125, ECON 205, PSYCH 270, SOCIOL 350.
3 Credits, Special course fee: $775

ONLINE
Class No 10724

Marine Studies

To register for either of the courses below, you must first call the Marine Studies Consortium (see page 57) to get a UMass Boston schedule number. This will allow you to register at UMass Boston. Courses may have a waiting list. For schedule numbers and wait listing, call the Consortium at 781-444-3643 or email Roger Stern at rstern@jhu.edu.

MARITIME HISTORY — INTR-D 106

This course offers a brief introduction to New England maritime history and its role in the coastal environment, both natural and human. More than that, it offers each student a chance to add to the "mental toolbox" new tools that may be useful in other areas unrelated to maritime history.
Prerequisite: Permission by instructor.
3 Credits, Course fee: $615

WELLESLEY COLLEGE
Jan 25-May 10, Th 5:00-8:00pm
To Register: See note above.

BIOLOGY OF FISHES — BIOL 330

The evolution, ecology, genetics, taxonomy, and structure of fish. Biological problems of general interest are emphasized, such as breeding systems, genetics of sex determination, evolution by means of chromosome duplication, environmental physiology, and migration.
Prerequisites: BIOL 210 and 252. Permission by instructor.
3 Credits, Special course fee: $775

NE AQUARIUM
Jan 23-May 8, Tu 5:00-9:00pm
To Register: See note above.

Mathematics

PREPARATORY WORK

Any student who intends to take a mathematics course at or below the level of MATH 140 (Calculus I) must furnish proof to the department that he or she is prepared for that course. The required proof is successful completion of the appropriate math placement test (see Diagnostic Testing, page 6).

COLLEGE ALGEBRA — MATH 115

Designed primarily but not exclusively for students seeking a stronger foundation in algebra before taking MATH 129 or MATH 130. Topics include basic algebra concepts, linear equations and inequalities and inequalities, properties of functions, linear and quadratic functions, absolute value equations and inequalities, systems of equations.
Prerequisite: MATH 099 or 125 or appropriate scores on the Math Placement Test.
Distribution I Area: Mathematics and Computer Science.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
F 6:00-9:15pm, W-1-045
Class No 1055

INTRODUCTORY STATISTICS — MATH 125

Topics include introductory statistics, covering descriptive statistics; introductory probability sufficient to enable development of inferential statistics; and inferential statistics.
Prerequisite: MATH 099 or 114Q or 115 or 124 or 129 or 130 or 140 or appropriate scores on the Math Placement Test.
Distribution I Area: Mathematics and Computer Science.
Distribution II Area: Mathematics.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS	COPLEY
S 11:45am-3:00pm, W-1-055	Th 6:00-9:15pm
Class No 1057	Class No 1056

PRECALCULUS — MATH 130

Preparation for first year calculus. Covers symmetry, graphs, functions, lines, parabolas and max-min problems, exponential and logarithm functions, exponential growth, semilog graphing, and the trigonometric functions and their inverses. Qualified students should enter MATH 140 without taking this course. Note: No student receives graduation credits for MATH 130 if it is taken after successful completion of any higher math course. Students who have successfully completed MATH 130 may not subsequently take MATH 124 or MATH 129 for credit. Students may take MATH 130 after MATH 124 or MATH 129 only with explicit permission of the department, and then only for two credits.
Prerequisite: Appropriate scores on the Math Placement Test.
Distribution I Area: Mathematics and Computer Science.
Distribution II Area: Mathematics
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:30am, W-1-010
Class No 1058

MANAGERIAL ALGEBRA AND CALCULUS — MATH 134

This course is designed to provide students with mathematical literacy through mastery of basic algebra and basic calculus. Topics include functions, graphs, absolute value, linear equations, inequalities, systems of linear equations and inequalities, polynomials, exponential and logarithmic functions, limits, continuity, derivatives, summation of series, and integration. Applications will be made to managerial situations throughout the course.
Prerequisite: MATH 129 or 130 or appropriate scores on the Math Placement Test.
Distribution I Area: Mathematics and Computer Science.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-3:00pm, W-1-010
Class No 1059

Music

AN INTRODUCTION TO MUSIC — MUSIC 111

Basic music materials, principles of design, and the cultural significance of representative works in historical sequence. Designed primarily for non-music majors.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
F 2:30-5:30pm, M-2-404
Class No 1060

PRIVATE MUSIC LESSONS 185

Private music lessons at beginning, intermediate and advanced levels are offered in voice, piano, guitar and all orchestral instruments and are open to all students. Students may register for twelve half-hour or twelve one-hour lessons; all options bear one academic credit. Instructors will contact students by telephone or UMB email to arrange lesson time and location. Students will need to provide an instrument for their lessons, with the exception of voice, drums, and piano. For further information, contact the Performing Arts Department at 617.287.5640 or visit the CCDE Registration Center.
Note: Waivers may not be used for MUSIC 185. The registration deadline for MUSIC 185 is January 16. No late registrations will be accepted.

COURSE FEES:
Twelve half-hour lessons: $340, 1 Credit
Twelve one-hour lessons: $680, 1 Credit

MUSIC 185A. FLUTE

Half-hour lessons	One-hour lessons
Class No 1061	Class No 1062

MUSIC 185B: BASS

Half-hour lessons	One-hour lessons
Class No 1063	Class No 1064

MUSIC 185C: CLARINET

Half-hour lessons	One-hour lessons
Class No 1065	Class No 1066

MUSIC 185D: DRUMS

Half-hour lessons	One-hour lessons
Class No 1067	Class No 1068

MUSIC 185E: GUITAR

Half-hour lessons	One-hour lessons
Class No 1069	Class No 1070

MUSIC 185F: PIANO

Half-hour lessons	One-hour lessons*
Class No 1073	Class No 1074

*Requires permission of department (call 617.287.5640)

MUSIC 185G: SAXOPHONE

Half-hour lessons	One-hour lessons
Class No 1081	Class No 1082

MUSIC 185H: VIOLIN

Half-hour lessons	One-hour lessons
Class No 6324	Class No 6325

MUSIC 185I. VOICE

Half-hour lessons	One-hour lessons
Class No 1083	Class No 1084

MUSIC 185J: TRUMPET

Half-hour lessons	One-hour lessons
Class No 1091	Class No 1092

MUSIC 185K: CELLO
Half-hour lessons — Class No 1093
One-hour lessons — Class No 1094

MUSIC 185L. TROMBONE
Half-hour lessons — Class No 1095
One-hour lessons — Class No 1096

MUSIC 185M: ORGAN
Half-hour lessons — Class No 1097
One-hour lessons — Class No 1098

MUSIC 185N: VIOLA
Half-hour lessons — Class No 1099
One-hour lessons — Class No 1100

MUSIC 185O: OBOE
Half-hour lessons — Class No 1101
One-hour lessons — Class No 1102

MUSIC 195P: RECORDER
Half-hour lessons — Class No 1103
One-hour lessons — Class No 1104

MUSIC 185Q: HORN
Half-hour lessons — Class No 1105
One-hour lessons — Class No 1106

MUSIC 185R: BASSOON
Half-hour lessons — Class No 1107
One-hour lessons — Class No 1108

MUSIC 185S: ACCORDION
Half-hour lessons — Class No 1109
One-hour lessons — Class No 1110

MUSIC 195T: STRING BASS
Half-hour lessons — Class No 11050
One-hour lessons — Class No 11051

UNIVERSE OF MUSIC **MUSIC 248**

An introduction to the infinite universe of music from its origins to the present, this course investigates the role of instruments, culture, myth and science in the evolution of music. Illustrations through the medium of the World Wide Web present the concept of music as both communication of ideas and expression of feelings in diverse musical traditions of the world.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
Diversity Area: International.
3 Credits, Special course fee: $775

ONLINE
Class No 1111

Nursing

DEGREE PROGRAM: BS IN NURSING FOR REGISTERED NURSES
See page 40.

PROFESSIONAL ISSUES IN NURSING **NURSNG 360**

This is the first nursing course in the RN-BS Online Program. It is an intermediate seminar designed to assist registered nurses to develop the critical reading, writing and thinking skills necessary for successful university level study. Issues that significantly influence professional practice and nursing leadership are explored utilizing the above skills.
Prerequisites: UMass Boston Nursing students only; permission of department.
6 Credits, Special course fee: $1550

ONLINE
Class No 10780

HEALTH ASSESSMENT AND PROMOTION **NURSNG 361**

This course focuses on the complete health assessment, the nursing process, and its relationship to the prevention and early detection of disease in clients across the life span. This course introduces processes of health assessment: interviewing, history-taking, and physical assessment. Dominant models, theories, and perspectives are used to explain health behaviors and are considered in relation to evidence-based health promotion and health education strategies. Students are also expected to identify and apply pathophysiological principles to selected health issues across the lifespan. The course includes a laboratory component complemented by self-directed computer-assisted instruction. Incorporated throughout the course is the importance of communication and collaboration across culturally diverse urban populations.
Prerequisites: UMass Boston Nursing students only; permission of department.
6 Credits, Special course fee: $1550

ONLINE
Class No 10781

NURSING RESEARCH & INFORMATION **NURSNG 362**

This course provides an overview of scientific research and nursing informatics. The course focuses on the interface of theory, research, and electronic technologies used in data acquisition, information management, and knowledge development. Emphasis is placed on ethical, theoretical, and methodological issues raised when studying and documenting the health-related quality of life of urban populations and on the application of electronic networks in multidisciplinary healthcare delivery.
Prerequisites: UMass Boston Nursing students only; permission of department.
6 Credits, Special course fee: $1550

ONLINE
Class No 10782

COMMUNITY HEALTH NURSING FOR RNs NURSNG 461

This course serves as the capstone course for registered nurses. The course enables students to perform complex, comprehensive interventions designed to improve public and community health care in the evolving health care system. Nursing practice is directed toward communicating effectively and working collaboratively with diverse urban communities and healthcare infrastructures to deliver quality, cost-effective, and accessible health across the life span. Students will utilize information technology to generate empirical and theoretical knowledge bases for decision-making, critical thinking, designing, and evaluation of health care programs and outcomes. Students will assess and demonstrate accountability for self-learning needs when engaged in developing and advocating for programs designed to promote the health of vulnerable and other diverse urban populations. Students will complete their senior year pass/fail capstone experience during this course.
Prerequisites: UMass Boston Nursing students only; permission of department.
6 Credits, Special course fee: $1550

ONLINE COURSE
ONLINE
Class No 10783

LEGAL, ETHICAL AND HEALTH POLICY NURSNG 462

This course is the capstone for students in the online RN-BS program. This course enables students to analyze complex nursing issues from a legal, ethical, and political approach. This perspective will serve to guide health professionals to socially responsible practice and collaboration within the changing health care environment. In addition, the course conducts critical analyses of contemporary urban health and policy issues affecting individuals across the lifespan. The impact of the complex socio-political environments on how the health care system evolved and is continually reformed is explored. Different health issues and policies including communication, advocacy, and ethical concerns of access, quality, and cost will be examined. The ethical, legal and policy issues surrounding healthcare disparities will be examined. Students will use information technology to generate empirical and theoretical knowledge bases for decision-making, critical thinking and evaluation of health care policies and their outcomes.
6 Credits, Special course fee: $1550

ONLINE COURSE
ONLINE
Class No 10784

Philosophy

INTRODUCTION TO PHILOSOPHY PHIL 100

An introductory examination of the problems and scope of philosophy.
Distribution I Area: Philosophical and Humanistic Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS	COPLEY
F 2:30-5:30pm, W-1-019	Tu 6:00-9:00pm
Class No 1122	Class No 1121

MORAL AND SOCIAL PROBLEMS PHIL 108

Important moral and social issues of current concern are examined and debated. The course covers several problems each semester from a list including criminal punishment, war, abortion, racism, violence, the death penalty, private property, sexism, animal rights, the environment, and hunger.
Distribution I Area: Philosophical and Humanistic Studies.
Distribiution II Area: Humanities.
Diversity Area: United States.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS	COPLEY
S 11:45am-2:45pm, W-1-058	W 6:00-9:00pm
Class No 1124	Class No 1123

MORAL ISSUES IN MEDICINE PHIL 222

Concepts of health, illness and healing, under different paradigms of medicine. Is medicine an art or science? What is the impact of medical technology on human life and death? What is considered "natural"? Attention is given to issues in human reproduction (e.g. in vitro fertilization, conception, abortion). Questions of authority, accountability in doctor-patient relationships, patient advocacy, self-help, right to health care or to refuse treatment. Social and political questions of health care organization.
Distribution I Area: Philosophical and Humanistic Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-056
Class No 1125

Physics

ENERGY FOR THE FUTURE **PHYSIC 280**

The current means of supplying energy to industrial societies are not sustainable. The earth's petroleum reserves are being consumed at rates which will lead to depletion in the next few decades. Unchecked burning of fossil fuels threatens permanent damage to the environment. Fundamental changes will be required to avert the looming crises. This course will consider our current dependence on fossil fuels and nuclear fission and examine alternative renewable sources of energy, including: solar, wind, hydro, ocean, geothermal, biomass and synfuels and nuclear fusion. We will discuss the scientific and technological issues involved in emerging technologies, such as: the hydrogen economy, electric vehicles, fuel cells, photovoltaic cells, and "green buildings." This course, designed for a general audience, will address one of the most urgent challenges facing an industrial society: providing energy and technology for a sustainable future.
3 Credits, Special course fee: $775

ONLINE
Class No 10759

Political Science

AN INTRODUCTION TO POLITICS AND POLITICAL SCIENCE **POLSCI 101**

This course introduces and explores the conceptual vocabulary of politics. Though concerned with problems of political theory, it is designed not for theorists but for anyone who thinks, talks, or worries about the public world. A series of brief case studies will be used to show how real-world outcomes are affected by our political ideas and assumptions.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

COPLEY
Th 6:00-9:00pm
Class No 1126

GOVERNMENT AND POLITICS OF THE UNITED STATES **POLSCI 102**

An introduction to the structures, processes, and results of the American governmental system. The course focuses on the national government and national political behavior, although state, regional, and local structures and issues are also introduced. Topics include institutions of government, political principles and ideologies, public opinion, political socialization, political parties, mass media, elections, interest groups, civil rights and civil liberties, public policies and policy making.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-058
Class No 1127

COMPARATIVE POLITICS OF TRANSITIONAL SOCIETIES **POLSCI 202**

Introductory survey of political systems in non-industrialized nations, drawing on examples from Latin America, Africa, and Asia. Course content focuses on the nature of the development process and the evolution of political institutions and practices.
Distribution I Area: Social and Behavioral Sciences.
Diversity Area: International.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
F 6:00-9:00pm, W-1-044
Class No 1128

INTERNATIONAL RELATIONS **POLSCI 220**

Through the analysis of current and historical developments, this course focuses on the major patterns and concepts which explain the behavior of nations as they operate on the world scene. Special attention is given to the role of economic relations, war, ideologies, and various attempts at eliminating international conflict; the dynamics of global economic interdependence; the impact of multinational corporations; the impact of regional trading blocs; the significance and impact of globalization. While the course covers broad patterns of international relations, of particular concern are (a) the condition of underdevelopment in the Third World and its link to biases in the structure of the international system and the inequities of the globalizing economy; (b) issues of human rights, ethnicity, nationality; the role of cultural, religious and gender differences; the role of social classes and race.
Distribution I Area: Social and Behavioral Sciences.
Diversity Area: International.
3 Credits, Course fee: $615

COPLEY
Tu 6:00-9:00pm
Class No 1129

ONLINE
Special course fee: $775
Class No 1130

POLITICAL PARTIES **POLSCI 311**

The American political process, with emphasis on political parties, pressure groups, and public opinion.
3 Credits, Special course fee: $775

ONLINE
Class No 10760

ETHICS AND INTERNATIONAL RELATIONS — POLSCI 377

The focus of this course is an investigation and analysis of the philosophical, theoretical, and actual foundations of ethical judgment in international relations and world politics. Topics include a critical examination of dominant schools of thought in international relations including the tradition of international law, Realism, Idealism, Structuralism, Constructivism, and Pragmatism; and a survey of issues of war, peace, humanitarian intervention, human rights, torture, and treatment of prisoners of war. An analysis of global terrorism and the problems associated with the War on Terrorism will complement the investigation of the question of morality in foreign policy and possible ethical criteria applicable in the case of sovereign nation-states.*3 Credits, Special course fee: $775*

ONLINE COURSE

ONLINE
Class No 11055

INTERNATIONAL ORGANIZED CRIME — POLSCI 377

Globalization, as the defining phenomena of the 21st century, has contributed to the transnationalization of both legal and illegal forms of economic activity. Modern information technology and the increasingly frictionless movement of capital, goods and services, and information have challenged the efficacy of the modern state. In no area has this critique been more pronounced than within the control and prevention of international organized crime. The course is divided into three modules. First, students will be exposed to basic theoretical approaches to the modern state, its function in distributing power and fostering both legal and illegal economic activities. Within this context, we will explore the early structures of criminal organizations and their evolution into borderless transnational enterprises. Second, students will be exposed to contemporary criminal organizations and the mechanics of their interaction within the global illicit economy. Finally, students will assess various approaches to control international organized crime in the context of an increasingly global world.
3 credits, Special course fee: $775

ONLINE COURSE

ONLINE
Class No 12321

THE POLITICS OF GLOBAL FINANCE — POLSCI 377

Global finance is big business. Around $2 trillion is traded in the foreign exchange markets each day. In this world order, capital moves from one location to another increasingly unhindered by government controls. This course investigates the politics of global capital markets; we consider both the ways in which governments attempt to govern capital markets internationally, and the ways in which capital markets influence the choices of national policies. Topics will include the politics of financial liberalization; the role and effectiveness of the International Monetary Fund; the causes and consequences of recent financial crises (e.g. Argentina, East Asia, and Mexico); and the impact of multinational corporations on social policies in the developing world. Previous coursework in international economics or finance is not necessary; the course will introduce the basic economic concepts required.
3 credits, Special course fee: $775

ONLINE COURSE

ONLINE
Course No 12322

Psychology

INTRODUCTORY PSYCHOLOGY — PSYCH 100

A general survey of selected content areas in psychology, including personality and human development, physiological psychology, learning, intelligence, heredity and environment, and motivation and emotion.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-020
Class No 10761

BRAINTREE
Th 6:30-9:30pm
Class No 1131

COPLEY
M 6:00-9:00pm
Class No 1132

INTRODUCTION TO BEHAVIORAL RESEARCH — PSYCH 102

An introduction to the ways of discovering, describing, and making warranted assertions about aspects of people and social life. The chief objectives are 1) to help students develop the skills and knowledge necessary to become intelligent critics of research in the behavioral and social sciences, and 2) to give them a rudimentary understanding of the design and evaluation of scientific research. Statistical material is treated in a conceptual manner. Classroom work and course examinations concentrate equally on research design and research evaluation.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-009
Class No 1133

PSYCHOLOGY OF CROSS-CULTURAL RELATIONS PSYCH 234

The course examines the nature and dynamics of intergroup relations within a multicultural context. Relations will be studied among diverse ethnic, racial and cultural groups in the United States and globally. The course will look at cross-cultural relations from an interdisciplinary perspective, discussing psychological and sociopolitical issues.
Prerequisite: PSYCH 100 or 101.
Distribution I Area: Social and Behavioral Sciences.
Diversity Area: United States.
3 Credits, Course fee: $615

COPLEY
Th 6:00-9:00pm
Class No 6340

INFANCY AND CHILDHOOD DEVELOPMENT PSYCH 241

This course explores human development from infancy to middle childhood, i.e., from childbirth to ages seven or eight. Major emphasis will be placed on early perceptual, cognitive, social and affective development bearing the following questions in mind: How does the world of space and objects appear to the infant? How does he or she acquire knowledge and discover reality? How does the child experience the world of people and develop a sense of self? How does the child develop attachments to others and what role is played by the significant people in his or her life?
Prerequisite: PSYCH 100 or 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

COPLEY
Tu 6:00-9:00pm
Class No 6341

ADOLESCENCE PSYCH 242

This course is designed to acquaint students with psychological characteristics of adolescent development, theoretical approaches to adolescence, and experimental studies of the causes of a variety of behaviors during adolescence. The course also focuses on major problems and characteristics of adolescents in modern society.
Prerequisite: PSYCH 100 or 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-009
Class No 1135

LEARNING AND MEMORY PSYCH 250

An introduction to current view of behavioral change, learning, and remembering. The course focuses on concepts, theoretical issues and applications of current research.
Prerequisite: PSYCH 100 or 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-061
Class No 6342

BEHAVIORAL NEUROSCIENCE PSYCH 260

An overview of the field of neuroscience. Selected topics are neuroanatomy, brain physiology, communication in the central nervous system, immunology, and psychopharmacology. This course also includes a critical discussion of various research techniques. One goal for students is to develop critical thinking skills, as consumers of scientific information.
Prerequisite: PSYCH 100 or 101, and PSYCH 105 or any BIOL course.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
F 2:30-5:30pm, W-1-044
Class No 6343

GROUP DYNAMICS PSYCH 333

An examination of small group behavior from a theoretical and empirical perspective. The group is viewed as a system functioning in a number of environments—physical, personal, social, and task. Each of these interrelated environments influences various aspects of group process. Thus leadership, power, conformity, status, goals, etc., are considered as interrelated processes of social interaction.
Prerequisite: PSYCH 230.
3 Credits, Course fee: $615

COPLEY
W 6:00-9:00pm
Class No 1136

COMMUNICATION AND SOCIETY PSYCH 337

This course explores interpersonal interaction and the functional and dysfunctional ways in which communication occurs. Participants examine non-verbal communication, including paralanguage, spacing, and gestures. Additionally, they acquire experience using the Internet, for research purposes as well as for on-line communication with other course participants. Discussions also focus on various aspects of the mass media.
3 Credits, Special course fee: $775

ONLINE
Class No 10764

PSYCHOLOGY OF LAW PSYCH 339

This course provides a basic understanding of the interaction between law and psychology, including develomental, social and clinical evidence, statistics in the court, child witnesses, eyewitness testimony, recovered memory, criminal investigatory practices, competience to stand trial, and constitutional rights of search and seizure.
Prerequisites: PSYCH 215 and 270
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-054
Class No 10765

Study of Religion

SOCRATES, JESUS, BUDDHA **RELSTY 104**

A study of three great paradigmatic figures and the different ways of life and views of reality which they represented. Attention to the social-cultural contexts in which they emerged; critical evaluation of Socrates and Jesus as sources of Western values; and exploration of why the Buddha has recently become an attractive alternative.
Distribution I Area: Philosophical and Humanistic Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-020
Class No 6345

SYMBOL, MYTH AND RITUAL: CULTURAL STUDIES IN RELIGION **RELSTY 109**

This course studies myths, symbols, rituals, and other dimensions associated with religion. These dimensions, however, also appear outside religion-e.g., in popular movies, fashion, sports and music. The course will explore these "religious" dimensions as they appear in both arenas, by applying some major theories of religion (e.g., Freud, Durkheim and Eliade) as well as the tools of cultural analysis.
Distribution I Area: Philosophical and Humanistic Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $615

COPLEY
Tu 6:00-9:00pm
Class No 6346

Sociology

INTRODUCTION TO SOCIOLOGY **SOCIOL 101**

The structure of society, cultural patterns, and group life. The individual and socialization, groups, institutions, social systems, and social change.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

COPLEY
M 6:00-9:00pm
Class No 1144

ONLINE
Special course fee: $775
Class No 1145

SOCIAL PROBLEMS **SOCIOL 160**

A course concentrating on institutional formation and change. Specifically, it covers the definition and explanation of social problems, individual, group and governmental responses to them, implications of social policy, in-depth case studies, and discussion of contemporary social problems.
Prequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $775

ONLINE
Class No 1146

YOUTH AND SOCIETY **SOCIOL 201**

An examination of theories and research on youth and society. Present day patterns of youthful development are contrasted to other types-both in Western history and in other cultures. The relationship of youth to major institutions (educational, legal, occupational) are examined in detail.
Prerequisite: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
F 6:00-9:00pm, W-1-020
Class No 1147

CRIMINOLOGY **SOCIOL 262L**

A general survey and analysis of adult crime. Attention to historical development of criminological thought, societal reaction to crime, and behavioral systems. Emphasis on theories of criminality and issues in the administration of justice by police and courts.
Prerequisite: Sociol 101 and CRMJUS major or minor.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

COPLEY
Th 6:00-9:00pm
Class No 1138

SOCIETY AND THE INDIVIDUAL **SOCIOL 281**

Basic survey of the social environment of individuals and its impact on psychological processes.
Prerequisite: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-019
Class No 6350

FAMILY VIOLENCE — SOCIOL 316

This course seeks to help participants develop a critical understanding of force and violence within the family structure. Emphasis is on violence between spouses, and between children and parents; and on the prevalence, the character, and the causes of such violence. Topics also include society's reaction to family violence, and its policies of control and treatment; and the sexual abuse and exploitation of children and women.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $615

COPLEY
Tu 6:00-9:00pm
Class No 1148

RACE AND ETHNIC RELATIONS — SOCIOL 321L

An examination of racial and ethnic relations in contemporary society, including the history and sociology of the immigration experience, bilingual education, the nature and character of discrimination, neighborhood change, and racial and ethnic conflict.
Prerequisite: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
Diversity Area: United States.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-019
Class No 1139

METHODS OF SOCIOLOGICAL RESEARCH — SOCIOL 351L

Design of sociological research and methods of inquiry. Organization and analysis of data, development of research projects.
3 Credits, Course fee: $615

COPLEY
W 6:00-9:00pm
Class No 1140

JUVENILE DELINQUENCY — SOCIOL 362

The nature and extent of delinquency. Consideration of theories, delinquent subculture, and programs for control and prevention.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-057
Class No 6352

CORRECTIONS — SOCIOL 363L

Prisons, jails, parole, and probation. Attention to inmate social structure, and philosophy underlying the correctional system and modern treatment approaches.
3 Credits, Course fee: $615

BRAINTREE
Tu 6:30-9:30pm
Class No 1141

DRUGS AND SOCIETY — SOCIOL 367

This course examines the social origins and consequences of the use and abuse of consciousness-altering substances (including alcohol). It considers how society defines and deals with drug use and assesses social harm, including such issues as addictions and health effects, drugs and crime, the legislation debate, and drug policy and enforcement.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $775

ONLINE
Class No 10766

ALCOHOLISM: ETIOLOGY AND EPIDEMIOLOGY — SOCIOL 368L

An in-depth interdisciplinary analysis of the nature, causes, and extent of alcoholism and problem drinking. Analysis of drinking patterns and drinking problems cross-culturally and among subgroups in the population such as women, prison inmates, the elderly, and homeless people.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
F 6:00-9:00pm, W-1-019
Class No 1142

THE SOCIOLOGY OF LAW — SOCIOL 467L

A general analysis of the social origins and consequences of law and legal process; special emphasis on law as a method of conflict resolution sand as a social control structure, and on law and social change. Attention also given to law in other societies, including non-literate societies, to the evolution and development of legal structures, and to patterns of due process and criminal law.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-019
Class No 1143

Spanish

CERTIFICATE PROGRAM: SPANISH COURT INTERPRETATION
See page 42.

CERTIFICATE PROGRAM: SPANISH/ENGLISH TRANSLATION
See page 42.

ELEMENTARY SPANISH I **SPAN 101**

Designed for students with little or no background in the Spanish language. Spanish 101 focuses on the acquisition of basic listening, speaking, reading, and writing skills within a cultural framework. Weekly laboratory attendance and assignments required.
Prerequisite: The instructor reserves the right to place you in the appropriate course level.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Special course fee: $980, Lab fee: $25

ONLINE
Class No 1153

ELEMENTARY SPANISH II **SPAN 102**

A continuation of Spanish 101. Spanish 102 focuses on furthering the acquisition of basic listening, speaking, reading, and writing skills within a cultural framework. Weekly laboratory attendance and assignments required. Students may not take both SPAN 102 and 106.
Prerequisite: The instructor reserves the right to place you in the appropriate course level.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Special course fee: $980, Lab fee: $25

ONLINE
Class No 1154

BASIC SPANISH FOR COMMUNICATION II **SPAN 106**

A continuation of Span 105. Note: Students may not take both SPAN 102 and 106.
Prerequisite: The instructor reserves the right to place you in the appropriate course level.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-052
Class No 10769

Technical Education

SEMINAR FOR THE BEGINNING VOCATIONAL EDUCATION TECHNICAL TEACHER **OCC ED 218**

This course prepares the new vocational technical educator candidate for his/her first teaching assignment. The course will identify the characteristics of an effective teacher as well as provide some of the tools required by first year teachers to be successful. These include techniques for establishing effective classroom routines and procedures, student instruction and assessment, and for maintaining a positive classroom/laboratory climate that conveys high expectations. In addition, students learn to identify the elements of a course/program curriculum and learn how to develop a lesson plan, assign and grade homework and collaborate with colleagues to improve instruction, assessment and student achievement.
3 Credits, Course fee: $615

ANDOVER
M 4:00-6:30pm
Class No 10731

FRAMINGHAM
Tu 4:00-6:30pm
Class No 10730

FRANKLIN
M 4:00-6:30pm
Class No 10729

NEW BEDFORD
Tu 3:00-5:30pm
Class No 10732

PLYMOUTH
W 4:00-6:30pm
Class No 10727

WAKEFIELD
W 5:00-7:30pm
Class No 10728

ONLINE
Class No 10733

MANAGING STUDENT BEHAVIOR AND CREATING A HEALTHY AND SAFE ENVIRONMENT **OCC ED 219**

This course is designed to prepare vocational technical teachers to organize an instructional area that is conducive to high quality learning in a healthy and safe environment. A variety of discipline concepts and strategies will be presented for application in the laboratory, related classroom and cooperative education sites. Current relevant OSHA and child labor law standards will be reviewed and plans for a comprehensive health and safety program will be developed.
3 Credits, Course fee: $615

FRANKLIN
M 3:00-5:30pm
Class No 12841

ONLINE
Class No 10734

TEACHING METHODS FOR VOCATIONAL-TECHNICAL EDUCATION: INSTRUCTIONAL STRATEGIES **OCC ED 220**

This course provides vocational-technical teachers with a wide variety of research-based teaching methods and instructional strategies. Students in this course learn how to develop a unit of study and how instructional choices made by the vocational-technical educator are influenced by learning styles, motivation, and expectations. Students learn how to integrate vocational-technical and academic content by using a balanced instructional approach.
3 Credits, Course fee: $615

ONLINE
Class No 10735

TEACHING AND ASSESSING THE VOCATIONAL-TECHNICAL LEARNER — OCC ED 221

This course provides vocational-technical teachers with the knowledge and tools to instruct and assess the technical, academic and employability skills of vocational students. Students in this course will learn to identify, develop, and model appropriate learning activities and assessments for the vastly divergent student population in vocational-technical education.
3 Credits, Course fee: $615

PLYMOUTH
W 4:00-6:30pm
Class No 10736

WAKEFIELD
Tu 5:00-7:30pm
Class No 10737

DEVELOPING AND IMPLEMENTING A STANDARDS-BASED CURRICULUM — OCC ED 222

This course provides vocational technical educator candidates with the knowledge of the elements of a quality curriculum. Students learn how to develop a vocational technical curriculum and a competency-based student reporting system that incorporates the standards and performance indicators of the Academic and Vocational Technical Curriculum Frameworks. It is one of the courses required to obtain licensure as a vocational technical educator in Massachusetts.
3 Credits, Course fee: $615

PLYMOUTH
W 6:30-9:00pm
Class No 10738

ONLINE COURSE
ONLINE
Class No 10739

TEACHING METHODS FOR VOCATIONAL-TECHNICAL EDUCATION: RESEARCH-BASED STRATEGIES — OCC ED 223

This course provides vocational technical teachers with an understanding of how learning styles as well as issues of language and disability impact instruction and learning. Vocational technical educator candidates will learn to develop a teaching unit that focuses on readiness assessment, use of learning styles, attention to whole brain teaching, interpersonal skills, knowledge, and skill assessment.
3 Credits, Course fee: $615

NEW BEDFORD
W 4:00-6:30pm
Class No 10742

PLYMOUTH
Th 4:00-6:30pm
Class No 10740

WAKEFIELD
Th 5:00-7:30pm
Class No 10741

ONLINE COURSE
ONLINE
Class No 10743

ADDRESSING THE NEEDS OF VOCATIONAL-TECHNICAL STUDENTS WITH DISABILITIES — OCC ED 224

This course provides Vocational Technical teachers with an overview of the Federal and State Special Education Laws and Regulations and how they are implemented in schools in Massachusetts. Students learn the elements of the Individual Education Plan (IEP), the roles of special and general educators, how to design curriculum and instruction using the information on the IEP, and how to modify their related classrooms to accommodate students with disabilities.
3 Credits, Course fee: $615

PLYMOUTH
M 4:00-6:30pm
Class No 10744

WAKEFIELD
M 5:00-7:30pm
Class No 10745

ONLINE COURSE
ONLINE
Class No 10746

Women's Studies

WOMEN IN GLOBAL PERSPECTIVES — WOST 110

This interdisciplinary course examines how gender interacts with social institutions such as the family, education, the media, organized religion, law and government, and how that interaction shapes human behavior. Students will learn to address controversial issues raised by the feminist movement, and to relate these to their own lived experiences in meaningful and productive ways.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-020
Class No 10776

WOMEN, WORK AND STRESS — WOST 181

An introductory level mini-course, which examines the relationships between women's paid and unpaid work experiences and their well-being. Drawing on material from medicine, psychology, sociology, literature and history, the course critically explores the concepts of stress, stress management, sex roles, work, wellness, and wholeness. Students are encouraged to study and evaluate their own work settings and experiences.
2 Credits, Course fee: $410

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-064
Class No 1158

WOMEN AND ADDICTION — WOST 182

This course examines the relationships between women's social roles and status and their experiences with addiction and substance abuse problems. Medical, sociological, psychological and literary materials are reviewed. The social forces that produce "addictions" and the impact of family and community addiction problems upon the lives of women are also discussed, as are approaches to reducing the harmful impact of addictions.
1 Credit, Course fee: $205

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-057
Class No 1159

EDUCATING WOMEN **WOST 240**

This course studies the lives and ideas of women in the US who have been educators and activists in struggles for equality in, and transformation of, education. Central themes include how women students learn; education as a means of self-realization and empowerment for women in different ethnic, race, and class contexts; how gender affects experiences in educational institutions.
Distribution I Area: Historical and Cultural Studies.
Diversity Area: United States.
3 Credits, Special course fee $775

ONLINE COURSE
ONLINE
Class No 6357

WOMEN'S HEALTH CARE **WOST 260**

This course focuses on women's concerns in relation to health. Topics include health issues unique to women (such as birth control, pregnancy, childbearing); nutrition; occupational health; health and aging; women as health workers; and the history, activities, and influence of the women's health movement. There is no prerequisite, but WOST C100 is recommended.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Special course fee $775

ONLINE COURSE
ONLINE
Class No 1160

GRADUATE COURSES

Applied Linguistics

DEGREE PROGRAM: MA IN APPLIED LINGUISTICS (ESL CONCENTRATION)
See page 43.

SECOND LANGUAGE ACQUISITION **APLING 625**

Exploring the acquisition of representative language forms or language functions by second language speakers, this course draws on contrastive linguistics for patterns of systematic variation among languages or continua along which languages vary; it also draws on empirical second language research for regularities in learners' performance that reveal how their individual, internal representations of the target language systematically change with meaningful exposure to that language.
Prerequisite: APLING-MA students only.
3 Credits, Special course Fee $1000

ONLINE COURSE
ONLINE
Class No 10789

Counseling

DEGREE PROGRAM: MS IN MENTAL HEALTH COUNSELING
See page 43.

DEGREE PROGRAM: MED IN SCHOOL GUIDANCE COUNSELING
See page 43.

DEGREE PROGRAM: MS IN REHABILITATION COUNSELING
See page 43.

DEGREE PROGRAM: MS IN FAMILY THERAPY COUNSELING
See page 43.

FOUNDATIONS OF MENTAL HEALTH COUNSELING **COUNSL 604**

The intent of this course is to provide students with basic information on the principles and practices of mental health counseling. Topics include the history and philosophy of mental health counseling, professional identity, the roles of the mental health counselor, professional ethics, managed care, various contexts of practice and organizational structures, mandated clients, crisis intervention services, prevention, consultation, and an understanding of how diversity influences the practice of mental health counseling. Particular attention is given to the practice of mental health counseling in a range of such urban settings as homeless shelters and outpatient centers.
Prerequisite: Permission of department.
3 Credits, Special course fee $1000

ONLINE COURSE
ONLINE
Class No 6399

VOCATIONAL REHABILITATION AND PLACEMENT — COUNSL 612

This course seeks to provide students with information about the total vocational rehabilitation process, including follow-up services. Topics include the referral process; eligibility criteria; comprehensive (medical, psychological, vocational) assessment; vocational training; and placement.
Prerequisite: Permission of department.
3 Credits, Special course fee: $1000

ONLINE
Class No 10688

PERSPECTIVES IN CROSS-CULTURAL COUNSELING — COUNSL 653

This course addresses the role of culture in counseling and psychology by looking both at history and at current issues. Discussions use an interdisciplinary framework to approach the question of counseling in a multicultural society. The course seeks to contribute to both the personal and the professional development of its participants.
3 Credits, Special course fee: $1000

ONLINE
Class No 11030

SUBSTANCE ABUSE AND THE FAMILY — COUNSL 672

This course focuses on families with members who are substance abusers and the ways in which these families function. The course explores the methods and resources available for helping such families.
Prerequisites: COUNSL 614; Permission of department.
3 Credits, Special course fee: $1000

ONLINE
Class No 10691

Critical and Creative Thinking

CERTIFICATE PROGRAM: CREATIVE THINKING AT WORK

See page 46.

CREATIVE THINKING — CRCRTH 602

This course seeks to increase the participants' understanding of creativity, to improve their creative problem-solving skills, and to enhance their ability to promote these skills in others, in a variety of educational settings. Students participate in activities designed to help develop their own creativity and discuss the creative process from various theoretical perspectives. Readings are on such topics as creative individuals, environments that tend to enhance creative functioning, and related educational issues. Discussions with artists, scientists, and others particularly involved in the creative process focus on their techniques and on ways in which creativity can be nurtured.
Prerequisite: Graduate degree student.
3 Credits, Special course fee: $1000

ONLINE
Class No 10696

THE DIALOGUE PROCESS — CRCRTH 616

Genuine dialogue, as meant here, is a frequently sought, rarely found experience of "elemental togetherness" (Martin Buber). Dialogue provides the creative space in which entirely new ways of thinking and acting may emerge. Holding respect for oneself, for one another, and for a commonly created pool is at the heart of this dialogue. Course participants explore and experience a dialogue process that derives in part from Buber, physicist David Bohm, and William Isaacs of the MIT Dialogue Project. The course provides a context for tapping into more coherent levels of meaning and intelligence. Through becoming aware of the underlying beliefs and assumptions that limit our thinking and responding to the world, we can, in a spirit of compassionate, non-judgmental inquiry and self-expression, open to the profound, generative and creative resources of what Bohm calls the "unified field" of being.
3 Credits, Special course fee: $1000

ONLINE
Class No 6315

CREATIVE THINKING, COLLABORATION AND ORGANIZATIONAL CHANGE — CRCRTH 618

Through interactive, experiential sessions and structured assignments students learn critical and creative approaches to working in organizations. Skills addressed include: communication and team-building; facilitation of participation and collaboration in groups; promotion of learning from a diversity of perspectives; problem-finding and solving; and reflective practice. Students apply these skills to situations that arise in business, schools, social change groups, and other organizations with a view to taking initiative and generating constructive change.
3 Credits, Special course fee: $1000

ONLINE
Class No 1019

CRITICISM AND CREATIVITY IN LITERATURE AND THE ARTS — CRCRTH 630

Expression and evaluation, freedom and discipline, creative production and its critique-how do these dualities relate to visual and verbal imagination as they are demonstrated in literature and the arts? Specific strategies for eliciting imaginative work in these areas are demonstrated, as are specific strategies for evaluating imaginative works. Finally, this course focuses on ways of helping others (including children) to develop these skills and utilize these strategies effectively.
Prerequisite: Graduate degree student.
3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
W 7:00-9:30pm, TBA
Class No 10697

Education: Adapting Educational Frameworks

ASSESSMENT STRATEGIES AND PRACTICE **CSDEDU 550**

In this course, educators will focus on the connection between assessment, curriculum, and instruction. They will learn to embed assessment in their instruction and to build instruction from assessment results, including those of MCAS.

Prerequisites: DISRES 690 or Permission of Instructor. Graduate students in CSDEDU only.

2 Credits, Special course fee: $650

ONLINE
Class No 10698

PRACTICE INTO THEORY: HIGH STANDARDS FOR ALL LEARNERS **CSDEDU 560**

In this culminating course, educators will use all they have learned to form a philosophical basis for their work as teachers. Education reform will become a reality as teachers move beyond the mandated changes into a vision that guides their daily teaching and professional growth and development.

2 Credits, Special course fee: $650

ONLINE
Class No 10699

Education: Applied Behavior Analysis

COMPUTERS, TECHNOLOGY, AND EDUCATION **EDC G 610**

An introduction to using computers and technology in education. The various uses of computers and technology in education are examined in depth as participants are introduced to a wide variety of K-12 educational software and the Internet, and explore the pedagogical issues raised by the use of computers for students, teachers, and school administrators. These include the consequences for learning; problem solving; organizing data; creativity; and an integrated curriculum. Finally, the course looks at ways in which technology may be used as a tool to facilitate changes in the ways teachers teach and students learn, and ultimately to stimulate reform in education. The course has a field component where students observe computers being used in the classroom.

Prerequisite: Graduate Education Students only. Students in the following (sub)plans must obtain permission of instructor: SPED MEd w/o Licensure, MEd w/Initial Licensure, MEd w/Prof Licensure, or Certificate w/Prof Licensure.

3 Credits, Special course fee: $1000, Lab fee: $10.00

ONLINE
Class No 10700

Education: Boston Writing Project

CENTER FOR PROFESSIONAL DEVELOPMENT

The Boston Writing Project is part of UMass Boston's Center for Professional Development and Leadership in Education (see page 56).

TEACHER AS WRITER **BWPEDU 501**

Teachers of writing need to first be writers themselves. In this course teachers write and meet in response groups to give and receive feedback for revision. Reflecting on their own experiences as writers, participants then develop new approaches for teaching and conferring with student writers.

3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
F 2:30-5:30pm, W-1-042
Class No 10682

WRITING IN THE CONTENT AREAS **BWPEDU 510**

This course is designed to address teachers' growing need to teach writing in specific disciplines. Participants will examine developmental learning theory connecting writing and learning, improve their own writing skills, and learn effective practices for teaching writing. Through journals, writing prompts, and reader response methods, participants will integrate theories with practice. They will examine assessment and evaluation methods for measuring students' progress. Applying their knowledge of the Massachusetts Curriculum Frameworks, they will work on interdisciplinary teams to design units of study that reflect the needs of their school contexts and state standards.

3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-052
Class No 10683

TEACHING AND WRITING POETRY K-12 **BWPEDU 530**

This workshop course allows teachers to expand their knowledge of poetry and its classroom applications. It incorporates ongoing writing response groups where participants write poetry and explore new themes, forms, strategies and models. Teachers will consider how critical theories translate into classroom practice and how developmental theory applies to grade level expectations. They will become familiar with a wide range of multicultural poems and poets for ages K-adult.

3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-2-124
Class No 10684

Gerontology

DEGREE PROGRAM: MS IN GERONTOLOGY (MANAGEMENT OF AGING SERVICES TRACK)
See page 44.

CERTIFICATE PROGRAM: MANAGEMENT OF AGING SERVICES
See page 48.

HEALTH AND PHYSICAL CHANGES IN AGING GERON GR 611

Those who provide and manage services for the elderly, or are involved in public policy and research concerning the elderly, need knowledge about the physical process of aging. This course describes the physiological changes that accompany the aging process and relates these to social and economic factors that influence health status. Discussion topics include issues of prevention, health promotion and health maintenance, and selected disorders that affect health and independent living.
3 Credits, Special course fee: $1000

ONLINE
Class No 1042

MARKETING OF AGING SERVICES GERON GR 645

This course examines marketing principles as applied to aging services organizations. Students will learn about marketing concepts, objectives, and brand names. The course will also explore the current structure of aging organizations in Massachusetts and relate these to current marketing principles and strategies. Students will learn to apply marketing concepts to effectively manage and operate an aging services organization. This course provides students with the opportunity to see how marketing principles and practice come together within the context of various types of aging services organizations in Massachusetts.
3 Credits, Special course fee: $1000

ONLINE
Class No 10702

CAPSTONE PROJECT SEMINAR GERON GR 691

The course guides each master's student through the production to completion of a research project and report. Topics include a critique of unresolved issues in analyses of age, cohort, and period effects; an exposition of theoretical developments in social gerontological theory and their application to the issue of social policy and aging; explication of a research project, including interview training; research problem development, implementation of appropriate research methods for specific problems, and how to prepare a written document that describes the design of the project, the results of the analysis, and conclusions.
Prerequisites: GERON 601 and 603.
3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
S 9:00am-12:00pm, Room TBA
Class No 1044

Instructional Design

DEGREE PROGRAM: MEd IN INSTRUCTIONAL DESIGN
See page 44.

CERTIFICATE PROGRAM: INSTRUCTIONAL TECHNOLOGY DESIGN
See page 48.

INTRODUCTION TO INSTRUCTIONAL DESIGN INSDSG 601

The goal of this course is to provide new and experienced professionals in both corporate and public sectors with the basic theoretical and practical skills needed to design, deliver and evaluate training. Participants will explore the theories of instructional design through readings and practical applications.
3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
Th 7:30-9:50pm, Room TBA
Class No 10705

ONLINE
Special course fee: $1000
Class No 10706

THE ADULT AS LEARNER INSDSG 602

Students are introduced to the body of knowledge concerning adults as learners. This course focuses on the principles of adult education, learning styles, variables that affect adult learning, motivation techniques, appropriate training methodologies, reinforcement of learning, skill transfer, and measurement procedures for identifying learner characteristics.
3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
Th 5:00-7:20pm, Room TBA
Class No 10707

SELECTION AND EVALUATION OF INSTRUCTIONAL MATERIALS INSDSG 603

This course analyzes the factors that determine the selection, evaluation, and utilization of materials used in instructional design. It studies the comparative instructional value of a wide range of print and non-print materials. At the end of the course, students will be able to choose materials on the basis of cost effectiveness, technical quality, teaching-learning mode, physical facilities, and availability of equipment.
Prerequisites: INSDSG 601.
3 Credits, Special course fee: $1000

ONLINE
Class No 10708

COMMUNICATION THEORY FOR ORGANIZATIONS INSDSG 604

This course focuses on the study of communication as applied to instructional technology, and on theories of media communication. It covers audience variables, systems of media analysis, message structure, environmental factors, and the integration of these elements into an efficient communication model.
Prerequisites: INSDSG 601.
3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
Tu 5:00-7:20pm, TBA
Class No 10709

TELEVISION PRINCIPLES FOR INSTRUCTIONAL DESIGN — INSDSG 610

This course provides a comprehensive introduction to television production theory and technique, including the study of principles for analyzing and synthesizing information, and of some basic video instructional formats. The goal is to equip those responsible for developing instructional materials with the skills they need in order to work with video professionals in creating, designing, and producing instructional video programs.

Prerequisites: INSDSG 601.
3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
W 7:30-9:50pm, Room TBA
Class No 10710

WRITING FOR THE BUSINESS PROFESSIONAL — INSDSG 614

This course is designed to help participants develop writing. It provides both analysis of written documents and a theoretical review of professional writing techniques. Assignments emphasize the writing tasks typically required of training and development specialists in any organization. They include the design, assessment, marketing, and evaluation of instruction. Participants develop the skills for effective communication with those outside the organization, and those at all levels within it.

Prerequisites: INSDSG 601 and Graduate Degree Student.
3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
Th 5:00-7:20pm, Room TBA
Class No 10711

PRODUCTION OF COMPUTER-BASED TRAINING — INSDSG 616

This course provides an introduction to creating interactive multimedia instruction. The class will use a combination of tutorial lab exercises and assignment so students can gain experience in structuring computer-based training programs, create interactions and integrate media. Digital graphics and audio production techniques will also be included in this course.

3 Credits, Special course fee: $1000

ONLINE COURSE
ONLINE
Class No 10712

ADVANCED COMPUTER-BASED TRAINING — INSDSG 617

This course reinforces and builds upon the students' basic knowledge of creating interactive applications. Students will learn how to understand and assess the capabilities of various web-based and multimedia tools, design efficient and structurally sound programs, and deliver multimedia content over various media.

Prerequisites: INSDSG 616.
3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
W 5:00-7:20pm, TBA
Class No 10713

ASSESSMENT IN THE INSTRUCTIONAL DESIGN PROCESS — INSDSG 618

This course examines assessment in all phases of the instructional design process including needs analysis and the various stages of formative and summative evaluation. Topics include various types of data, techniques for data gathering, the construction of such instruments as questionnaires, a hands-on review of computer programs, and characteristic issues in the analysis and interpretation of assessment. The course also offers practical experience in the use of representative measures and applications.

Prerequisites: INSDSG 601 and Graduate Degree Student.
3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
W 5:00-7:20pm, TBA
Class No 10714

WORKPLACE EDUCATION: THEORY AND PRACTICE — INSDSG 632

This course introduces workplace education through the study of organizational and human resource development. Emphasis is on managing productive change by using tested theory in actual workplace situations.

Prerequisites: INSDSG 601 and Graduate Degree Student.
3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
Th 7:30-9:50pm, Room TBA
Class No 10715

PLANNING AND DESIGN OF EDUCATIONAL MULTIMEDIA PROGRAMS — INSDSG 640

This course provides an overview of the process of designing interactive multimedia instruction. Since instructional multimedia is created and delivered in a technical environment, the course covers a combination of technical and non-technical topics. We will discuss the technical environment and tools used to create and deliver multimedia instruction; the technical requirements and educational value of various media elements; how to structure multimedia experiences and how to plan multimedia projects.

3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
Tu 7:30-9:50pm, Room TBA
Class No 6319

PROJECT IN MULTIMEDIA — INSDSG 655

Students work with UMass Boston faculty, teachers in cooperating schools, or sponsoring corporations to make a prototype multimedia application or to produce a planning document for multimedia implementation in the client organization. Students may participate in projects pre-arranged by the instructional technology staff or may generate their own, working individually or in a team.

Prerequisites: INSDSG 601 and 617 and Graduate Degree Student.
3 Credits, Special course fee: $1000

ONLINE COURSE
ONLINE
Class No 1051

CAPSTONE SEMINAR — INSDSG 690

The course provides guidance and a structured environment in which students develop advanced instructional design skill in the context of their capstone project. Based on the nature and complexity of the students' projects, the course deals with such topics as: component display analysis; needs assessment data, analysis and reporting techniques; cognitive flexibility theory; competencies modeling; and self-directed/learner-centered strategies. Students who have completed eight or more requirements for the Instructional Design MEd should enroll in this course.

3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
Class No 1052

Nursing

CERTIFICATE PROGRAM: GERONTOLOGICAL/ADULT & FAMILY NURSE PRACTITIONER (POST-MASTER'S CERTIFICATE)

See page 48.

ADVANCED PATHOPHYSIOLOGY — NURSNG 614

This course focuses on the analysis, interpretation, and evaluation of pathophysiological processes throughout the lifespan. Relevant research is integrated into evidenced-based nursing practice.

Prerequisite: Permission of department.

3 Credits, Special course fee: $1000

ONLINE
Class No 1114

THE ROLE OF THE ADVANCED PRACTICE NURSE — NURSNG 631

The historical development, scope, and functional roles of the advanced practice nurse are analyzed. Students examine the dynamic relationships among professional organizations, health care trends, and health care policy as they influence the need for advanced practice nursing. Emphasis is placed on acquiring the knowledge and skills to assume leadership roles in the health care system. Related health professions theories, research, and opportunities for implementing changes are emphasized. Critical thinking, group dynamics, leadership skills, and role of the APN as educator are studied and modeled in classroom experiences and course assignments.

Prerequisite: Permission of department.

3 Credits, Special course fee: $1000

ONLINE
Class No 6416

PHARMACOLOGY FOR ADVANCED PRACTICE NURSES — NURSNG 634

This course emphasizes the pharmacological knowledge required by the advanced practice nurse to safely treat patients with common physical and mental illnesses. Students synthesize knowledge of clinical pharmacokinetics and pharmacodynamics for application to the management of common disease processes occurring in pre- and post-natal women, infants, children, adolescents, adults, and older adults. Students analyze and discuss current research findings related to pharmaceutical therapies. Students are guided in the learning experience by faculty prepared in pharmacology and experienced in the role of applying the science of clinical pharmacology.

Prerequisite: Permission of department.

3 Credits, Special course fee: $1000

ONLINE
Class No 10726

MENTAL AND PSYCHOSOCIAL HEALTH OF THE URBAN FAMILY — NURSNG 637

Multicultural individuals and families at risk for mental and psychosocial problems are considered within the context of urban living. Nursing theory and research is applied to developing processes of care for individuals with mental health and psychosocial problems across the lifespan. Students learn evidence-based care including cognitive-behavioral, psychopharmacological, and non-traditional approaches to psychosocial and related physical problems. Research related to environmental, psychosocial, genetic, economic and family systems, developmental risk factors, drug efficacy, and non-pharmacological approaches for individuals with mental and psychosocial illness is investigated. The impact of contemporary health care policy and legislative proposals on quality, cost, and access to care are investigated.

Prerequisite: Permission of department.

3 Credits, Special course fee: $1000

ONLINE
Class No 1115

PRIMARY CARE OF OLDER ADULTS **NURSNG 671**

This course focuses on the health care issues and needs of elders across the care continuum of acute, chronic, community, and long-term-care settings. Aspects of physical, emotional, and social aging across the lifespan are explored utilizing various theoretical perspectives and models. The assessment, teaching-coaching, and management roles of the advanced practice gerontological nurse in relation to acute and chronic health conditions of the older adult are emphasized. The complex interplay of the political, economic, legal, and ethical factors that influence health care delivery to older adults is examined.

Prerequisite: Permission of department.

3 Credits, Special course fee: $1000

ONLINE COURSE

ONLINE
Class No 1116

PRIMARY CARE OF ADULTS/OLDER ADULTS PRACTICUM III **NURSNG 672**

Students further refine skills in critical thinking and clinical reasoning in the application of theory and research to practice. Assessment, diagnostic, therapeutic, and health teaching strategies are applied to a continuum of health promotion/illness problems, with a focus on the primary care of adults and older adults across the continuum of care. Seminars are grounded in learning the application of theory and research to the domains of practice of the adult/gerontological nurse practitioner, including the management of patient health and illness and the teaching-coaching function of the nurse practitioner and ensuring the quality of health care practices. Interdisciplinary collaborative practice skills are developed. Students develop role competencies under the supervision of nurse practitioner preceptors and faculty in urban health care settings.

Prerequisite: Permission of department.

6 Credits, Special course fee: $2000

ONLINE COURSE

ONLINE
Class No 6333

PRIMARY CARE OF THE CHILD-BEARING FAMILY **NURSNG 681**

Students integrate research from the pathophysiological, behavioral, social, and nursing sciences. The primary care needs of multicultural families in urban communities are addressed. Problems of women, infants, and children are analyzed within a family nurse practitioner framework for practice. Evidence-based laboratory, diagnostic, therapeutic, and pharmacological plans of care are applied to problem management. Emphasis is placed on developing advanced competence in the management of common health and illness. Health policies, including cost, quality, access to care, and evaluation and management guidelines for reimbursement, are integrated throughout the course.

Prerequisite: Permission of department.

3 Credits, Special course fee: $1000

ONLINE COURSE

ONLINE
Class No 1117

PRIMARY CARE OF FAMILY-PRACTICUM III AND CAPSTONE **NURSNG 682**

Students further refine skills in critical thinking in the application of theory and research to practice. Assessment, diagnostic, therapeutic, and health teaching strategies are applied to a continuum of health promotion/illness problems with a focus on the primary care of women, infants, and children. Seminars are grounded in learning the application of theory and research to the domains of practice of the family nurse practitioner, including the management of patient health and illness and the teaching-coaching function of the nurse practitioner and ensuring the quality of health care practices. Interdisciplinary collaborative practice skills are developed. Students develop role competencies under the supervision of nurse practitioner preceptors and faculty in urban health care settings.

Prerequisite: Permission of department.

6 Credits, Special course fee: $2000

ONLINE COURSE

ONLINE
Class No 6334

Public Affairs

CERTIFICATE PROGRAM: WOMEN IN POLITICS AND PUBLIC POLICY

See page 49.

UNDERSTANDING PUBLIC POLICY **PAF G 697**

This introductory course examines the formulation, implementation, and impact of public policy (the 'nuts and bolts') as well as values and principles that influence policy debates in the United States. This course is designed for those seeking to expand their understanding of public policy issues through peer-to-peer activities that will help develop key policy-related skills and competencies in a highly interactive learning environment. Using case studies in addition to foundational readings, we will focus on several major policy areas with an emphasis on social welfare issues including health care, education, and economic security. We will also explore the significance of race, gender and social class in the practice of politics and policymaking. Several fundamental questions will guide our exploration: What is the role of government in American society? What are key elements of public policy processes at local, state and national levels? How do values and principles impact public policy debates? How can individuals and groups effectively influence policy formation? To what extent is the policy process open, fair and democratic? How do race, gender and social class figure into politics and policymaking?

3 credits, Special Course Fee $1000

ONLINE COURSE

ONLINE
Class No 12823

Spanish

CERTIFICATE PROGRAM: TEACHING OF SPANISH

See page 49.

ASSESSING FOREIGN-LANGUAGE LEARNERS (SPANISH) SPAN 512

Designed for pre-service and in-service teachers, this course will provide an indepth study of different types of assessment, emphasizing performance assessment and the achievement of standards. Explicit connections to the Massachusetts Curriculum Frameworks for Foreign Languages and the National Standards for Foreign Language Learning will be made. The format of the course will be interactive discussion sessions with topics drawn from reading assignments. Students will gain practice in designing assessments and accompanying rubrics, projects, and portfolios, as well as self-assessment tools

3 Credits, Special course fee: $1000

ONLINE COURSE

ONLINE
Class No 1156

LATIN AMERICAN FILM FOR THE SPANISH-LANGUAGE CLASSROOM SPAN S15

This course is specifically designed for pre-service and in-service teachers of Spanish. By using film and readings in the literatures of Spanish America, it will develop historical, social, and cultural context for language instruction. Explicit connections to the Massachusetts Curriculum Frameworks for Foreign Languages and the National Standards for Foreign Language Learning will be made. Class meetings will be conducted entirely in Spanish. The course is organized as a series of film-viewing and discussion sessions based on the films and the reading assignments. Students will gain experience researching film background, drawing critical connections to history, society, and culture, and designing units integrating film into language curriculum.

3 Credits, Special course fee: $960

UMASS BOSTON CAMPUS
Tu 5:00-8:00pm, Room TBA
Class No 6356

Special Education

CONSULTATION AND INTERPERSONAL SKILLS II SPE G 630

The course focuses on implementing effective strategies in working with parents of exceptional children. Participants become sensitive to the issues of parenting a child with special needs and learn to establish a collaborative relationship with parents that makes the best possible use of available resources.

Prerequisite: Graduate Degree Student in Special Ed.
3 Credits, Special course fee: $1000

ONLINE COURSE

ONLINE
Class No 10770

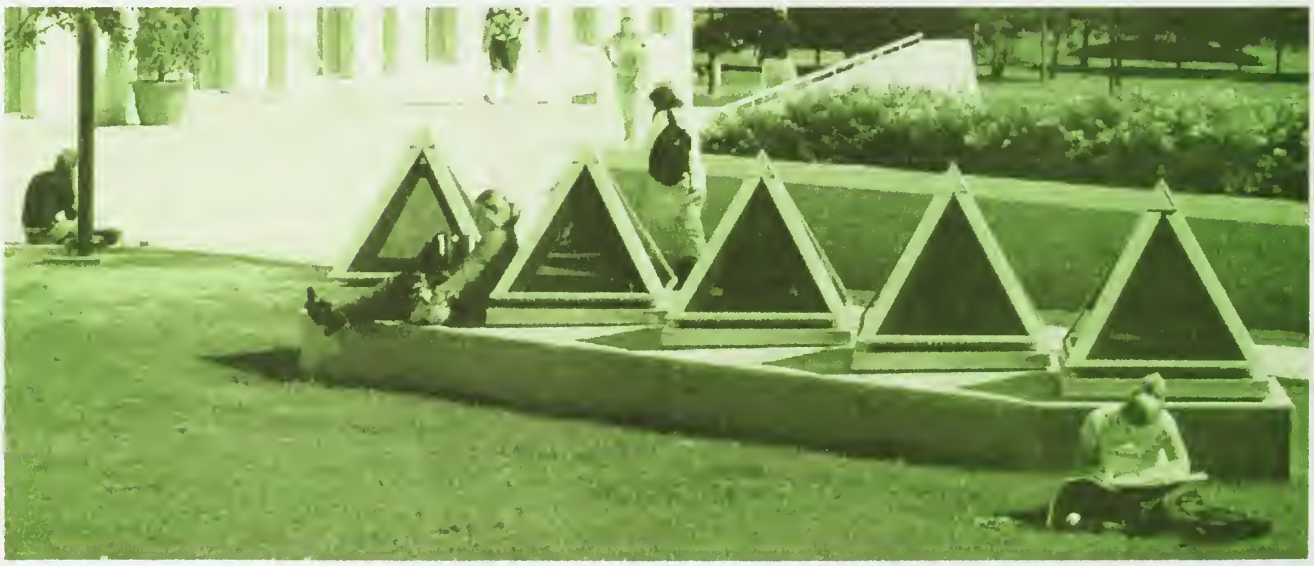
TECHNOLOGIES IN SPECIAL EDUCATION SPE G 684

Universal Design for Learning is the model used for evaluating software and assessing school-specific and classroom-specific uses of technology to support the learning of students with special needs. The course focuses on curriculum applications of technology that can improve the learning opportunities for all students, especially those with special needs, and enhance their problem-solving capabilities, organization skills, and social competence. Attention is also given to adaptive computing technologies that help students compensate for visual, auditory, motor, and/or cognitive limitations.

Prerequisite: Graduate Degree Student in Special Education.
3 Credits, Special course fee: $1000

ONLINE COURSE

ONLINE
Class No 10771



Online Courses

Our online courses have been developed by UMass Boston faculty and use the WebCT Vista course management system.

A list of online courses available this fall can be found on page 12. Descriptions and schedule information for these courses are available in the main course listings on pages 14-40 where online courses are marked with the symbol at left.

You can register for these courses just as you would for any other credit course, using the registration form on page 60, following the instructions on page 3; if you register by mail or fax, please be sure to clearly print your email address.

Registered online students will receive a confirmation of registration in the mail AND a notification about a week before the course is due to start, giving password, Login ID and location of the login gateway website. This notification will come as an email to the account given at registration.

Our online courses mostly follow a thirteen-week schedule. More information can be found in the Academic Calendar (inside front cover).

As an enrichment of the online learning experience, each of these courses will include either two on-campus class meetings or two synchronous chat sessions, to be scheduled at the convenience of the students and instructor. Students unable to attend will be given alternative opportunities.

Please be sure to read information about online learning at ccde.umb.edu/dl.

FURTHER INFORMATION

If you need further information about UMass Boston online courses, contact Kitty Galaitsis (617.287.7918; katharine.galaitsis@umb.edu) or visit ccde.umb.edu/dl.

Videoconferencing (ITV) Courses

These courses are offered in a videoconferencing format, by which students at remote sites may participate in a lecture class via real-time two-way video, with the technical assistance of UMass Boston's Video Production/ Distance Learning Center. If your organization is interested in having courses delivered to a remote location by videoconferencing technology, please contact Kitty Galaitsis (617.287.7918; katharine.galaitsis@umb.edu).

Online Degree and Certificate Programs

Several of our degree and certificate programs can be completed entirely or primarily through online study, including the following:

DEGREE PROGRAMS

- MA in Applied Linguistics, ESL Concentration
- MS in Family Therapy Counseling
- MS in Mental Health Counseling
- MS in Rehabilitation Counseling
- MEd in School Guidance Counseling
- MS in Gerontology (Management of Aging Services Track)
- MEd in Instructional Design
- BS in Nursing for Registered Nurses
- Online Degree Completion Program (BA in Community Studies)

UNDERGRADUATE CERTIFICATES

- Community Media and Technology
- Fundamentals of Information Technology

GRADUATE CERTIFICATES

- Adapting Curriculum Frameworks for All Learners
- Critical & Creative Thinking (Focus on Creativity at Work)
- Gerontological/Adult and Family Nurse Practitioner (NP) Post Master's Certificate
- Gerontology (Focus on Management of Aging Services)
- Instructional Technology Design
- Instructional Technology for Educators

PROFESSIONAL TRAINING PROGRAMS (NON-CREDIT)

- Alcohol/Chemical Dependency Treatment Services
- Human Resource Management
- Project Management
- Urban Landscape & Garden Development

Further information about these programs is available on pages 50-52.

More Online Learning Opportunities: umassonline.net

Online courses from throughout the University of Massachusetts system can be accessed through UMassOnline, your gateway to the UMass world of excellent and affordable online education. For more info, please visit: umassonline.net.

CCDE Degree and Certificate Programs

Each of the undergraduate and graduate programs described on pages 43-49 leads to a degree or certificate granted by one of the University's colleges. The requirements for these programs can be fulfilled either entirely or in part through courses offered by the Division of Corporate, Continuing and Distance Education.

These degree and certificate programs serve a multitude of needs for a variety of participants: undergraduate and graduate students, working professionals who need to update or expand their qualifications, and those seeking to pursue a new career path.

Please note that students enrolling in a UMass Boston degree or certificate program pay a one-time Combined New Student Fee of $345.

FINANCIAL AID SERVICES

Through UMass Boston's Office of Financial Aid Services, grants, loans and part-time employment are available to eligible students enrolled in degree and approved certificate programs. Applicants are encouraged to apply early, as funds are limited. Once an application for aid is submitted at www.fafsa.ed.gov, each applicant is considered for all forms of aid available through Financial Aid Services.

All eligible students are considered fairly and equally, without regard to race, color, sex, age, religion, national origin, sexual orientation, disability, or veteran status.

For more information about Financial Aid Services at UMass Boston, please go to our web site at

http://www.umb.edu/students/financial_aid/index.html.

For information about employment opportunities for students, please refer to

http://www.umb.edu/students/employment/.

DEGREE PROGRAMS

- MA in Applied Linguistics (ESL concentration)
- MS in Family Therapy Counseling
- MS in Mental Health Counseling
- MS in Rehabilitation Counseilng
- MEd in School Guidance Counseling
- MS in Gerontology (Management of Aging Services Track)
- MEd in Instructional Design
- BS in Nursing for Registered Nurses
- Online Degree Completion Program (BA in Community Studies)

UNDERGRADUATE CERTIFICATES

- Community Media and Technology
- Fundamentals of Information Technology
- Geographic Information Technologies
- Human Service Practice
- Spanish Court Interpretation
- Spanish/English Translation

GRADUATE CERTIFICATES

- Adapting Curriculum Frameworks
- Applied Behavioral Analysis
- Critical & Creative Thinking (Focus on Creativity at Work)
- Database Technology
- Dispute Resolution
- Forensic Services
- Gerontology (Focus on Management of Aging Services)
- Gerontological/Adult and Family Nurse Practitioner
- Instructional Technology Design
- Instructional Technology for Educators
- Orientation and Mobility
- Teaching of Spanish
- Teaching of Writing
- Women in Politics and Public Policy

DEGREE PROGRAMS

MA in Applied Linguistics (English as a Second Language Concentration)

AVAILABLE ONLINE

This 30-credit program focuses on the acquisition of English as a second or subsequent language, as well as cross-cultural relationships and interethnic communication. Its interdisciplinary core curriculum includes courses in basic and contrastive linguistics, psycholinguistics, sociolinguistics and cross cultural perspectives, together with courses on teaching methodology for elementary, secondary, and adult education programs. The on-line program will offer a minimum of four courses each semester. Because students' day and time constraints are not an issue for online teaching, those offerings will allow students to complete within four semesters of matriculation the ten courses required for the degree. Thirty graduate units are required of all degree candidates.

For more information, call 617.287.6000 or email aplingonline@umb.edu.

MS in Family Therapy Counseling

AVAILABLE ONLINE

The Online MEd program in Family Therapy is committed to a vision of strengthening healthy families by preparing ethical and qualified professionals who embrace an inclusive perspective of interconnected systems. The curriculum is comprised of basic professional counseling content and theory and provides a comprehensive framework for learning family therapy. It meets the academic and clinical requirements for accreditation from the Commission on Accreditation for Marriage and Family Therapy Education (COAMFTE). The courses lead students to view families as entities within larger social systems and promote collaborative, inclusive, and integrative systems approaches. The curriculum offers students in the family therapy track an optimal perspective for supporting individuals, families, and communities in urban environments, and provides them with a framework for developing skills to facilitate dialogue with marginalized individuals, families, and communities. Courses are completed online over a 3-year period; during the second summer, two on-campus courses are completed, lasting two weeks.

For more information, contact Amy Cook at 617.287.7661 or email medcounseling@umb.edu.

MS in Mental Health Counseling

AVAILABLE ONLINE

The Department of Counseling and School Psychology is offering a master's degree in Mental Health Counseling primarily online. It is a 60-credit master's which meets the academic requirements for licensure in the state of Massachusetts as a Mental Health Counselor (there are additional post graduate clinical experience requirements for licensure). Students complete a series of general counseling courses and courses specific to mental health counseling. In addition, students complete field experiences in mental health settings through practicum and internship. The field experiences may be completed in local agencies of program students and they will be supervised via conference calls and online chats.

For more information, contact Amy Cook at 617.287.7661 or email medcounseling@umb.edu.

MS in Rehabilitation Counseling

AVAILABLE ONLINE

The Department of Counseling and School Psychology is offering a master's degree in Rehabilitation Counseling primarily online. It is a 60 credit master's which meets the academic requirements for national certification as a Certified Rehabilitation Counselor. The Program is nationally accredited through the Council on Rehabilitation Education. Students must attend a two week session in late June and early July where they take two clinically based courses. Also, students complete a series of general counseling courses and courses specific to rehabilitation counseling. In addition, students complete field experiences in rehabilitation counseling settings through practicum and internship. The field experiences may be completed in local agencies of program students and they will supervised via online chats. Scholarships are available for qualified students.

For more information, contact Amy Cook at 617.287.7661 or email medcounseling@umb.edu.

MEd in School Guidance Counseling

AVAILABLE ONLINE

The Department of Counseling and School Psychology is offering a master's degree in School Guidance Counseling primarily online. It is a 60-credit master's which meets the academic requirements for certification in the state of Massachusetts as a Guidance Counselor. Students complete a series of general counseling courses and courses specific to guidance counseling. In addition, students complete field experiences in school settings through practicum and internship. The field experiences may be completed in local schools of program students and they will be supervised via conference calls and online chats.

For more information, contact Amy Cook at 617.287.7661 or email medcounseling@umb.edu.

MS in Gerontology (Management of Aging Services Track)

AVAILABLE ONLINE

The Management in Aging Services Track offers students an advanced degree in the growing field of long-term care. This is a new program that will afford professionals in the aging network the opportunity to broaden their perspectives and develop management skills. Students will develop skills in policy development and analysis, program management, administration, and finance with a focus on the aging population. The program requires 30 credit hours, or 10 courses (eight required courses and two electives). Courses will be offered either online or in interactive television (ITV) format. A graduate certificate may be earned by taking 15 hours of relevant course work.

For more information about the program and admissions requirements, call 617.287.6000 or email ellen.birchander@umb.edu or lillian.glickman@umb.edu.

MEd in Instructional Design

AVAILABLE ONLINE

UMass Boston's MEd Program in Instructional Design offers a practical master's degree that is ideal for career professionals engaged in the education, training, and development of adult learners in the workplace. The 36-credit program combines a total of 12 courses and submission of a thesis or capstone project. An independent study and a field experience may be included. Students complete 5 required courses and choose electives from other offerings within the program or from a wide range of graduate offerings throughout the university.

For more information, call 617.287.6000 or email dennis.maxey@umb.edu).

BS in Nursing for Registered Nurses

AVAILABLE ONLINE

The online Bachelor of Science in Nursing for RN's maximizes accessibility and convenience for highly motivated, independent professionals. There is, however, a requirement that students attend a residential orientation prior to the commencement of the online Nursing classes; additional residential time is required for four hours during the Health Assessment and Promotion course. Students from out of state should contact the program office to discuss arrangements for completing these requirements at a distance. The Nursing course portion of the program operates on a cohort model, whereby a group of students completes the same program of study over five semesters. The six-credit nursing courses are taught online in the Summer, Fall and Spring sessions. The twenty units of non-nursing general education and elective courses may be satisfied through the Division of Corporate, Continuing and Distance Education (CCDE) with online courses (if available), in a traditional course at UMass Boston, or (with prior approval from the College of Nursing and Health Sciences) at another accredited college or university.

For more information about the program and admissions requirements, email kathleen.polley@umb.edu.

Online Degree Completion Program (BA, Community Studies)

AVAILABLE ONLINE

The Online Degree Completion Program allows returning students a flexible and convenient way to finish their degrees. This 30-unit (ten-course) program offers returning students with 90 or more credits the opportunity to earn a Bachelor of Arts in Community Studies—totally online. The requirements for this program have been packaged in such a way that you will benefit from a well-rounded and integrated learning experience that also affords you maximum credit for previously completed coursework no matter what your previous major or area of study. You'll enjoy a program of study that provides a solid foundation in academic skills, as well as an interdisciplinary content focused on contemporary issues in public policy, social sciences and applied liberal arts. This special Community Studies plan is an academically challenging program which examines human communities, their histories and cultures, their identities and values, institutions and economies, as well as their problems and prospects. The content and method of this program are drawn from the social sciences as well as the liberal arts, public policy, ethnic studies and global studies.

For more information about the program and admissions requirements, call 617.287.6000 or email sarah.bartlett@umb.edu.

UNDERGRADUATE CERTIFICATES

Community Media & Technology

AVAILABLE ONLINE

This two-semester, six-competency, 18-credit certificate program is designed to provide students with the key competencies they need to incorporate a range of multi-media tools into their primary responsibilities as labor activists, community organizers or agency professionals. Students in the certificate program complete the following requirements: media literacy; community action; analyzing media; media and community building; using technology; and developing a media strategy.

For more information, call 617.287.7120 or visit ccde.umb.edu/certificates.

Fundamentals of Information Technology

AVAILABLE ONLINE

The Certificate in Information Technology (CIT) is an introductory program into the information systems discipline. It covers concepts fundamental to the technology and operation of modern information systems, focusing on techniques, tools and methods used today in the development and use of computer-based applications. The program is intended for non-College of Management or non-degree seeking students. Course work involves 6 courses (18 credit hours) after completion of MSIS-IT 105 (Introduction to Computers and Information Systems). Students who complete the program will earn a certificate from the College of Management. Courses for this program will be offered in a mixture of online and on-campus formats.

For more information, contact Deborah Boisvert (tel 617.287.7295, email deborah.boisvert@umb.edu) or visit ccde.umb.edu/certificates.

Geographic Information Technologies

This 18-credit certificate program is intended for professionals in all fields who deal with geographical data requiring spatial analysis—for example, environmental scientists, health researchers, or marketing/sales professionals. The certificate comprises courses that teach the concepts, principles, techniques and applications of computer and analytical cartography, remote sensing and digital image processing, Geographic Information Systems (GIS), Global Positioning Systems (GPS), and digital or softcopy photogrammetry. Currently it concentrates in three areas: cartography, remote sensing and GIS.

For more information, contact Kitty Galaitsis (tel 617.287.7918, email katharine.galaitsis@umb.edu) or visit ccde.umb.edu/certificates.

Human Service Practice

This 18-credit certificate program is designed for human service practitioners, affording them an opportunity to participate in courses that are directly related to their work and to apply their learning directly to their practice. Students will apply a professional orientation to the context and core values of human service practice, examine different theoretical models of practice, apply them to their own practice, and establish their own best practices in human service intervention and case management. Students will also have the opportunity to build their academic skills, including critical reading, research, and academic and professional writing.

The program is delivered over a three-semester period. Each semester, students will enroll in one course that addresses two different competencies from the human service curriculum at the College of Public and Community Service (CPCS).

For more information, contact Sarah Bartlett (tel. 617.287.7374; email sarah.bartlett@umb.edu) or visit ccde.umb.edu/certificates.

Spanish Court Interpretation

This intensive six-credit undergraduate certificate program has been specially designed to provide qualified applicants with an introduction to professional court interpretation. The program teaches the fundamentals of theory and practice through classroom discussion and activities, as well as through intensive laboratory exercises designed to develop interpreting proficiency. The program is tailored for both novice and practicing interpreters, as well as for qualified students. Applicants with little or no experience in interpreting will benefit from extensive laboratory practice, in-class discussion and exercises. Students will devote additional time in visits to court in order to fulfill course related assignments.

For more information, or to apply, contact Peggy Fitzgerald (tel 617.287.7550; email margaret.fitzgerald@umb.edu) or visit ccde.umb.edu/certificates.

Spanish/English Translation

This two-semester, 12-credit certificate program has been designed to meet the increasing local, national, and international demand for professionals, educators, and students interested in meeting the challenges of modern multicultural, multilingual societies. Participants will explore the history, principles, theory, and practice of oral and written translation. They will practice the techniques of legal, medical, technical, general, and literary translation and learn to use specialized dictionaries and other essential reference materials. They will also improve their knowledge of English and Spanish syntaxes, morphologies, and semantic systems.

The program begins in the fall semester and concludes in the spring semester. It comprises two six-credit courses: Span 408, Advanced Techniques and Skills for Translation, and Span 409, Advanced Practice of Translation.

For more information, or to apply, contact Peggy Fitzgerald (tel 617.287.7550; email margaret.fitzgerald@umb.edu) or visit ccde.umb.edu/certificates.

GRADUATE CERTIFICATES

Adapting Curriculum Frameworks for All Learners

AVAILABLE ONLINE

This 12-credit certificate program is designed to provide educators with a working knowledge of practical applications of the principles and elements of Education Reform for the instruction of a diverse student population. The certificate combines current research, policy, and instructional practices, presented by faculty who are actively involved in changing the public school environment in Massachusetts.

For more information, contact Mary Brady (tel. 617.287.7254; email mary.brady@umb.edu) or visit ccde.umb.edu/certificates.

Applied Behavioral Analysis

AVAILABLE VIA ITV

This four-course graduate sequence, offered via ITV at specific sites as well as at the UMass Boston Campus, is designed to enable students to serve as effective practitioners who can assess, design, implement and evaluate applied behavior analysis (ABA) programs by providing them with the knowledge, concepts and skills of basic ABA principles, ethical considerations, generalization strategies, and application to special populations and settings. Students will receive guided practice with each course's content by developing a Case Study that may be course-specific, or continue across several courses. Successful completion of all four courses will meet the coursework requirement to sit for the national Behavior Analyst Certification Board licensing examination.

For more information, contact Mary Brady (tel. 617.287.7254; email mary.brady@umb.edu) or visit ccde.umb.edu/certificates.

Creative Thinking at Work

AVAILABLE ONLINE

This 15-credit graduate certificate in Critical and Creative Thinking trains people to tackle challenging real-life problems, generate new ideas, and take them through to realization in their various educational, professional, artistic, and social settings. A variety of approaches are introduced to invention, dialogue, listening, and teamwork that promote creativity. Certificate students learn to confront ambiguous and complex problems, reflect deeply and bring insights to the surface, transform the giving of feedback into a mutual learning experience, build relationships of trust and enthusiastic acceptance of diverse perspectives, articulate a practical vision, and collaborate in bringing it to fruition. CCT Certificate students take two core courses, three elective courses, and complete an exit performance as part of one of the courses taken. CCT Master's students, graduate students from other programs, advanced undergraduates, and special students are welcome to enroll in individual courses. Note: MA students must get permission from their advisor before registering for online courses and will not be permitted to count more than four online courses from UMass Boston towards their degree.

For more information, contact Peter Taylor (tel 617.287.7636, email cct@umb.edu) or visit www.cct.umb.edu/CTAWcert.html

Database Technology

This 12-credit certificate program is geared towards programmers and software professionals who wish to acquire a systematic education in database technology. It provides a solid anchoring in state-of-the-art database technology and trains students to become database application developers or database administrators. A bachelor's degree is required. The candidates should have substantial programming experience; knowledge of databases is not expected.

For more information, contact Elaine Sullivan (tel. 617.287.7915; email elaine.sullivan@umb.edu) or visit ccde.umb.edu/certificates.

Dispute Resolution

The 18-credit Graduate Certificate in Dispute Resolution is intended for people whose employment requires them to cope with conflict, and who feel that training in negotiation, mediation, or designing conflict resolution mechanisms would be useful. The curriculum focuses on conflict in communities, and in organizations such as state and local government, hospitals, labor groups, universities, courts, corporations, and schools.

The program comprises four three-credit courses and the six-credit mediation internship. All courses are taught and supervised by UMass Boston faculty with extensive mediation experience. With approval from the department, units earned in the certificate program can be applied toward the Master of Arts in Dispute Resolution.

For more information, call 617.287.7415, email disres@umb.edu, or visit ccde.umb.edu/ certificates.

Forensic Services

Intended for criminal justice and mental health professionals, this 16-credit graduate certificate program is designed to provide a strong grounding in behavioral sciences, while at the same time offering practical skills and competencies in mental health and criminal justice, which will enable students to serve as effective professionals in a variety of social service environments. Forensic Services broadly encompass criminal investigation, social science research, law, and the workings of related social service systems.

For more information, contact Elaine Sullivan (tel. 617.287.7915; email elaine.sullivan@umb.edu) or visit ccde.umb.edu/certificates.

Gerontological/Adult and Family Nurse Practitioner (NP) Post Master's Certificate Programs

AVAILABLE ONLINE

This 12- or 21-credit certificate program is designed to assist RNs who have an MS degree in nursing to acquire the knowledge and clinical experience that will prepare them to sit for a gerontological, adult, or family nurse practitioner certification examination. Nurses holding current NP certification in adult primary care with 2 or more years of experience may apply for the 12-credit gertontological option or the 12-credit family option. RNs who have an MS in nursing from an accredited institution and 2 years experience in advanced practice nursing may apply for the 21-credit certificate program. Prerequisites include evidence of graduate course work in advanced health assessment, advanced pathophysiology and advanced pharmacology. Applicants who have not yet completed these prerequisites should consult the College of Nursing and Health Sciences course schedule.

For more information, contact Margaret McAllister (tel 617 287-7543, email margaret.mcallister@umb.edu) or visit ccde.umb.edu/certificates.

Gerontology (Focus on Management of Aging Services)

AVAILABLE ONLINE

The Gerontology Graduate Certificate with a focus in management of aging services is targeted to individuals in the aging network who are looking to upgrade their skills or advance in new directions within the field or for those looking to enter the field. The emphasis will be on making this an easily accessible program through use of regional video teaching sites and online courses. Class scheduling will reflect the needs of a working student population. The certificate may be earned by taking 15 hours of approved course work, including three required courses and two elective courses. Students will have the option of applying these 15 hours toward the 30-hour Management of Aging Services Master's degree program (see page 40).

For more information, contact Lillian Glickman (email lillian.glickman@umb.edu) or Ellen Birchander (tel 617.287.7338; email ellen.birchander@umb.edu).

Instructional Technology Design

AVAILABLE ONLINE

This 15-credit graduate certificate program is designed to meet the increasing challenges created by the high technology training needs of academic, corporate, and public educators. It is intended for instructional designers, training professionals and instructional technologists responsible for the design, development and management of technology-based learning programs. Educators will also find that the coursework in this program will enable them to better serve their audience. Coursework will include a balance of instruction and discussion, lab time and design teams producing multimedia projects.

For more information, contact Dennis Maxey (tel. 617.287.5980; email dennis.maxey@umb.edu).

Instructional Technology for Educators

AVAILABLE ONLINE

This 15-credit certificate from the Graduate College of Education is designed for in-service teachers who do not seek a master's degree at this time or for those who have already earned an advanced degree. The purpose of the Certificate is to prepare teachers to meet the National Technology Standards of the International Society of Technology and the Performance Indicators for Teachers and the Massachusetts Recommended PreK-12 Instructional Technology Standards. In addition, the coursework is designed to meet the subject knowledge competencies of the Massachusetts Instructional Technology licensure. Graduates of the program will develop a comprehensive performance-based technology foundation that reflects fundamental concepts and skills for using technology to support teaching and learning.

For more information, please contact Chenfeng Zhang (tel 617-287-7674, email chenfeng.zhang@umb.edu).

Orientation and Mobility

The Certificate Program in Orientation and Mobility (O/M) is a sequence of 19 units offered through the Graduate Special Education Program for those individuals interested in obtaining certification in O/M from the international professional organization AER (Association of Education and Rehabilitation of Individuals Who Are Visually Impaired/Blind). The certificate program is designed for vision teachers or other vision professionals to provide the specialized assessment and instructional skills needed by teachers to enable children and/or adults with visual impairments to function safely and confidently in a variety of environments while effectively using their remaining senses to orient themselves.

For more information, please contact Robert McCulley, M.Ed., Program Coordinator, at 617.287.7623, or Glenn Mitchell, Ph.D., Academic Advisor, at 617.287.7620.

Teaching of Spanish

This 18-credit graduate certificate program has been designed to address the needs of pre-service and in-service teachers who need to improve or enhance their skills in the field of Spanish.

The certificate offers a flexible course of study combining both new and traditional methods of teaching the Spanish language with presentations of geographic and cultural material that reflect the traditions that make up today's Spanish speaking worlds. The certificate program also introduces the latest uses of technology in the classroom and methods of assessment.

For more information, or to apply, contact Peggy Fitzgerald (tel 617.287.7550; email margaret.fitzgerald@umb.edu) or visit ccde.umb.edu/certificates.

Teaching of Writing

This 15-credit graduate certificate program is designed for K-12 teachers and administrators in all subject areas who want to learn strategies to strengthen students' writing and thinking skills, develop expertise in teaching writing and literacy across the curriculum, gain a deeper understanding of literacy learning, and improve their own writing. Participants will examine current readings in composition, literacy and writing pedagogy, share successful teaching practices, develop and implement curriculum, and document the effects of their teaching by collecting and analyzing student work.

For more information, please contact Bruce Rettman, Boston Writing Project (tel 617.287.7665, fax 617.287.7664) or visit www.bwp.umb.edu.

Women in Politics and Public Policy

The Program for Women in Politics and Public Policy is a one-year graduate certificate program designed to encourage and train women from all walks of life for significant political participation in careers in public management, research, policy-making, consulting, planning, and administration. The program offers a unique combination of graduate-level academic work in policy studies, analytical and research skills, and carefully supervised professional field work in addition to advising, counseling, and career development services. Students in the program earn units from UMass Boston's MA program in American Studies; eligible graduates of the program may be accepted for admission with advanced standing into the American Studies Program, or into the University's MS Program in Public Affairs.

Students are required to complete eighteen units for the certificate: nine units in course work, six units for the internship, and three units through the final case-study project.

The program welcomes applicants of diverse backgrounds with a wide variety of undergraduate majors. To be eligible for admission, the applicant must: 1) hold a bachelor's degree or its equivalent; 2) submit an official transcript; 3) arrange for a personal interview with program staff; 4) submit a completed application with fee; 5) submit two written recommendations.

For more information, contact Donna Stewartson (tel 617.287.6785, email donna.stewartson@umb.edu) or visit ccde.umb.edu/certificates.

Alcoholism/Chemical Dependency Treatment Services

Alcoholism/chemical dependency treatment agencies are among the newest elements of our nation's health care delivery system. Like clinics for the aging and mental health and well-child clinics, alcoholism/chemical dependency treatment agencies are now employing professional managers, counselors, and service providers. Anyone who wishes to pursue a career in the treatment of alcoholism/chemical dependency should be familiar with the functions, policies, and treatment populations of a complex network of treatment agencies, and must also possess the knowledge, skills, and techniques needed for the successful treatment of individuals and families afflicted by alcoholism or chemical dependency. UMass Boston's Alcoholism/Chemical Dependency Treatment Services Program (A/CDTSP) aids in the professional development of people involved in this important and growing health care service field.

The professional development sequence consists of five courses and a practicum. The courses explore the nature of alcoholism/chemical dependency, its treatment, and the ways treatment agencies function; the practicum involves supervised experience in a licensed facility. Participants who complete the five required courses and the practicum receive a certificate of recognition.

Three of the courses required for the certificate meet each fall and spring semester on Saturdays, for the convenience of working students. Other courses meet late in the afternoon and early in the evening. Practicum hours (about fifteen per week) are arranged to fit participants' schedules. A two-day pre-practicum workshop is conducted each semester just prior to the practicum so that the participants can synthesize knowledge gained in their course work and mobilize it for their practicum experience.

The program is offered at our main campus in Boston, in Plymouth, and in Framingham.

The fee for most of the courses in the program is $380. The fee for the pre-practicum workshop is $275; the fee for the practicum is $1,325. Total program cost is $3,500.

Participants who withdraw from the program before the second class meeting of the first semester will receive a 100% refund of program fees. No refunds are available after the second class meeting of the first semester.

Those wishing to enter the professional development sequence leading to the certificate are required to meet with the program director prior to registering.

FURTHER INFORMATION

For more information, or to arrange an interview, please contact Reca Quarles (tel 617.287.7900, email reca.quarles@umb.edu).

A/CDTSP Online

AVAILABLE ONLINE

The online version of the A/CDTSP program makes the highest quality addictions education available, not only nationally but internationally, to persons seeking to begin or advance their careers in the treatment of alcohol and chemical dependency. The curriculum is the same as in the face-to-face A/CDTSP program (see above). For a complete description of the program, visit ccde.umb.edu/certificates/acdtsponline.

The fee for most of the courses in the program is $580. The fee for the pre-practicum workshop is $480; the fee for the practicum is $1150. Total program cost is $4,550.

Those wishing to enter the program are required to complete an online application and be admitted by the program director prior to registering.

FURTHER INFORMATION

For more information, please contact Reca Quarles (tel 617.287.7900, email reca.quarles@umb.edu).

Human Resource Management Certificate

Next Offered Fall 2007

The certificate program in Human Resource Management is a two-semester program designed for those seeking an overview of the human resource function and its strategic role in today's organizations. The program is recommended for general managers and supervisors, new human resource professionals, and others interested in developing practical skills in human resource management.

The program consists of the following modules, focusing on skills and competencies set forth by regional and national associations as core requirements for individuals working as human resource professionals:

- Management Practices
- General Employment Practices and the Legal and Regulatory Environment
- Compensation with Benefits
- Human Resources Development, Performance, Management, and Employee Relations
- Labor Relations
- Health and Safety
- Strategic Human Resource Management

For more information on the Human Resource Management certificate program, please visit ccde.umb.edu/corporate, or contact Cindy Jimenez (tel 617.287.7876, email cindy.jimenez@umb.edu).

Information Design and Development Certificate

AVAILABLE ONLINE

This program offers the fundamentals required for technical communication in the high-tech industry, as well as more advanced topics for developing and delivering effective technical information.

DESIGNING AND DEVELOPING CONTENT I

This course describes how to identify and create different types of technical documentation based on principles of audience analysis. Topics also include information design, writing drafts and handling reviews, and basics of usability analysis. You will also learn how to integrate graphics and apply templates to create effective documentation. An overview of common grammar, usage, and writing problems will also be provided.

ONLINE
Feb. 5-May 7
Class No. 12691
Fee: $860

USER ASSISTANCE

This course covers the many formats and structures of technical information that assist users in understanding and taking advantage of a software or hardware product's functionality. Over the years, many methods have been used to create and deliver technical information to users. This course covers topics such as user interface design, the evolution of authoring tools, and content development to address authoring and delivery needs.

ONLINE
Feb. 5-May 7
Class No. 12692
Fee: $860

For more information on the Information Design & Development certificate progr am, please visit ccde.umb.edu/corporate, or contact Cindy Jimenez (tel 617.287.7876, email cindy.jimenez@umb.edu).

Project Management Courses

PRACTICAL PROJECT MANAGEMENT

AVAILABLE ONLINE

Practical Project Management provides professionals with the essential skills they need to succeed in an increasingly competitive job market. Based on *The Project Management Body of Knowledge*®, this highly interactive course combines expert instruction with case studies and team exercises. In addition to technical competencies, the course covers the human and political aspects of project management by using examples from students' own projects. Participants will learn how to initiate, plan, execute, control and close a project and will be shown how to apply the ten PMBOK® knowledge areas to each phase of a project. Upon completion of the course, participants will be ready to assume the role of Project Manager and will receive the 35 contact hours required to apply for PMP certification.

ONLINE
Feb. 5-May 7
Class No 6460
Fee: $1,060

UMASS BOSTON CAMPUS
Monday 6:30-9:30pm, Feb. 12-May 7
Class No 6459
Fee: $875

PMP EXAM PREPARATION

This intensive 2-day course is designed for professionals who are serious about passing the PMP examination. The course provides participants with a personal assessment of where they are in the preparation process by identifying strengths and knowledge gaps. At the end of the course students will have an excellent understanding of what it will take to complete their individual preparation. Each participant will leave with a personalized study plan that will greatly improve his or her chances of passing the PMP examination.

UMASS BOSTON CAMPUS
S 9:00am-4:00pm, May 5 and May 12
Class No 6461
Fee: $750

For more information, please visit ccde.umb.edu/corporate, or contact Cindy Jimenez (tel 617.287.7876, email cindy.jimenez@umb.edu).

Urban Landscape and Garden Development Certificate

AVAILABLE ONLINE

This program recognizes the growing interest in the greening of the urban environment and the importance of creating and sustaining green spaces in cities. The focus will be on the urban setting and its public and private green spaces.

INTRODUCTION TO THE URBAN LANDSCAPE USING BOSTON AS A CASE STUDY

This program recognizes the growing interest in the greening of the urban environment and the importance of creating and sustaining green spaces in cities. The focus will be on the urban setting and its public and private green spaces.

- The Unique Geography of Boston
- A View of Boston Landscape History
- Community Gardens in Boston
- The Influence of Different Ethnicities in Urban Open Spaces
- Greening Boston's Future

ONLINE
Feb. 5 - May 7
Class No. 6463
Fee: $500

HOW TO READ URBAN OPEN SPACE

This course addresses questions such as: What makes an urban space successful? How do properties such as form, aesthetics and use patterns compare? What in fact do we mean by the term "space"? How can such a quality be measured? What makes a "space" a "place"? What are the threats to the quality of the urban public ream? The notion of urban open space as a *design element* is emphasized. Students will develop a discursive capacity with regard to *space* as distinct from *object*, and explore their relationship. Characteristic spaces such as the boulevard, park, plaza, and square are considered in relation to the aesthetic, social, political and economic determinants of form.

ONLINE
Feb. 5 - May 7
Class No. 12683
Fee: $500

PLANT MATERIALS FOR THE URBAN LANDSCAPE

This course covers the broad palette of plant materials that can be used in an urban setting. You will learn about annuals, perennials, trees, shrubs, and vines. Plants used in specialized gardens such as rock gardens, water gardens, containers, and xeriscapes are studied as well. The course includes topics such as plant identification, using plants in the landscape, native versus exotic and invasive species, and plant hardiness to a range of environmental conditions.

ONLINE
Feb. 5-May 7
Class No. 12684
Fee: $500

URBAN LANDSCAPE DESIGN

This course explores the growing impact of landscape architecture on the urban environment. The merger of urban design, landscape architecture and architecture, sometimes referred to as "landscape urbanism", moves beyond the strategic placement of planting material to implications for biodiversity, microclimatology, and ecology. It addresses citywide cultural and ecological concerns. It works across disciplines and emphasizes an understanding of the relationships between natural systems and the cities - between aquatic systems and watersheds, between plants and health. The result is the increasing significance of landscape as a framework for urban form that begins locally and continues at a broader scale. The principles behind and examples of existing urban installations that exemplify this merger of disciplines will be discussed.

ONLINE
Feb. 5-May 7
Class No.
Fee: $500

For more information on the Urban Landscape and Garden Development certificate program, please visit ccde.umb.edu/corporate, or contact Cindy Jimenez (tel 617.287.7876, email cindy.jimenez@umb.edu).

Graduate Test Preparation Courses

Developed in conjunction with the Office of Career Services, these review courses offer preparation for the Graduate Record Examination (GRE), Graduate Management Admission Test (GMAT), and Law School Admission Test (LSAT), providing intensive classroom sessions that cover all sections of each exam. Each course involves extensive exam practice, including a full-length practice test given under exam conditions. All courses meet at our main campus in Boston, unless otherwise noted. Enrollment is limited. To register for this course, use the form on page 59 or call 617.287.7916 to register by phone..

REVIEW FOR THE GRADUATE RECORD EXAMINATION (GRE)

We still offer regularly scheduled prep courses; however, the GRE exam is available only online at designated centers. For more information, please call 800-GRE-CALL.

TuTh 6:00-9:00pm
Feb 6-March 22
Course Fee: $450
Class No

TuTh 6:00-9:00pm
April 10-May 17
Course Fee: $450
Class No

TuTh 6:00-9:00pm
June 5-July 12
Course Fee: $450
Class No

REVIEW FOR THE GRADUATE MANAGEMENT ADMISSION TEST (GMAT)

This course is designed to prepare students to succeed on the Graduate Management Admissions Test (GMAT), the primary admissions criterion for students applying to graduate business programs (including MBA, MSA, MSF, MSIT, MSM, and Ph.D. programs). Through a mixture of lectures, intensive practice, and close review of real GMAT questions, students will dramatically enhance not only their knowledge of the subject areas tested, but also their understanding of effective test-taking strategies and of how to apply successfully to graduate business schools.

The GMAT is now a fully computerized exam offered daily at various locations around greater Boston and the world. Please consult www.mba.com for details or to register for the test.

M 6:00-9:00pm
Feb 5-April 9
Course Fee: $450
Class No

M 6:00-9:00pm
April 23-June 25
Course Fee: $450
Class No

REVIEW FOR THE LAW SCHOOL ADMISSION TEST (LSAT)

This course is designed to prepare students to succeed on the Law School Admissions Test (LSAT), the primary admissions criterion for students applying to all accredited law schools. Through a mixture of lectures, intensive practice, and close examination of LSAT questions, students will dramatically enhance not only their knowledge of the subject areas tested, but also their understanding of effective test-taking strategies for this rigorous, heavily weighted test. Please consult www.LSAC.org for details or to register for the test.

Test Date: Feb 10
TuTh 6:00-9:00pm
Jan 2-Feb 8
Course Fee: $450
Class No

Test Date: TBA
TuTh 6:00-9:00pm
April 24-May 31
Course Fee: $450
Class No

COPLEY
Test Date TBA
MW 6:00-9:00pm
March 5-April 11
Course Fee: $450
Class No

Math Refresher Course

This course is designed for people who are perhaps math-phobic or who have been away from math for a long time and are interested in refreshing their math skills—for college placement tests, both undergraduate and graduate, for GRE and GMAT prep courses and exams, and other professional or educational endeavors. The course offers an intense, fast paced review of the fundamentals of arithmetic, algebra, and geometry. Included in the course are basic math operations, word problems, graphs, linear and quadratic equations, formula solving and manipulation and the basic concepts of geometry and their applications. Students will be introduced to the language of math and many shortcuts will be presented. When possible, courses are scheduled in advance of our six-week GMAT and GRE prep course offerings for those students who are taking the exams. However, it must be emphasized that this course is not designed solely for those going on to graduate school and it is not a strategy class.

To register for this course, use the form on page 59 or call 617.287.7916 to register by phone.

MW 6:00-9:00pm
Feb 21-March 14
Course Fee: $250
Class No

MW 6:00-9:00pm
April 25-May 16
Course Fee: $250
Class No

The programs in English Language Study offered by the Division of Corporate, Continuing and Distance Education provide English instruction to speakers of other languages. Programs are designed for individuals seeking to communicate more effectively and improve their performance in professional, academic, and social environments. The Division offers day and evening classes for non-native speakers at all levels of language proficiency.

The content and methods used in all courses are chosen to maximize students' language development. Therefore, strong emphasis is placed on language learning skills and strategies, and students' personal and professional interests, needs, and backgrounds are carefully considered. Instruction in each class includes a grammar review at the appropriate level, integrated with practice in listening comprehension, oral expression, reading, writing, vocabulary building, and pronunciation.

ASSESSMENT AND COURSE PLACEMENT

To ensure that students are placed in appropriate courses and levels, they must attend an assessment session. The session consists of several types of tests: grammar, listening and reading comprehension, and a writing sample. There is also an interview with a program instructor.

For evening programs, the assessment session is completed at the first scheduled class meeting. For full-time programs, the assessment process is more comprehensive. Tests are completed over the first few days of the semester, and take place in conjunction with a variety of classroom and orientation activities. The test period for full-time students is the week of February 5, 9:00 am in McCormack Hall, 3rd floor, room 130. Formal classes begin only after the orientation period.

FURTHER INFORMATION

For more information about any of our English Language Study programs, contact Cindy Jimenez (tel 617.287.7876, email cindy.jimenez@umb.edu).

Intensive English Programs

Classes in our Intensive English Programs take place Monday through Friday between 9:00am and 4:00pm, for a total of 24 hours per week. Some sections will meet on two afternoons per week, others on three or four afternoons per week.

ESL: THE INTENSIVE COURSE

The Intensive course is designed to help people learn English in the shortest possible time. The program's focus is to provide extensive practice in speaking and understanding English. Students study grammar, writing, reading comprehension, and vocabulary building.

The University of Massachusetts Boston will supply an I-20 form enabling students to apply for an F-1 visa for Intensive English programs.

UMASS BOSTON CAMPUS
February 5 - May 18
Class No. 6464
Fee: $3,550

UNIVERSITY PREPARATION

This program provides international students with intensive English language instruction and preparation for successful study at American colleges and universities. Participants experience an integrated program focusing on English language instruction, university study skills, academic course work, the college admission process, TOEFL preparation, and the American cultural experience.

The University of Massachusetts Boston will supply an I-20 form enabling students to apply for an F-1 visa for Intensive English programs.

UMASS BOSTON CAMPUS
February 5 - May 18
Class No. 6465
Fee: $3,550

ESL: BUSINESS ENGLISH OPTION

The Business English Option is designed for individuals who wish to focus their learning on the types of English used in the business world. In addition to classes in general English (grammar, writing, reading comprehension, and vocabulary), participants will experience classes in which video, audio materials and computers are used to present topics such as management, marketing, finance, management information systems and other topics of interest to business people. Students participate in 24 class hours per week and must complete homework and other assignments.

The University of Massachusetts Boston will supply an I-20 form enabling students to apply for an F-1 visa for Intensive English programs.

UMASS BOSTON CAMPUS
February 5 - May 18
Class No. 6466
Fee: $3,550

Visiting Scholars Programs

Visiting Scholars programs are currently available for Chinese and Latin American students. These programs offer participants with affiliations to selected universities that are signatories to inter-institutional agreements the opportunity to pursue a personalized plan of independent study and research combined with limited English language support.

For more information, contact Cindy Jimenez (tel 617.287.7876, email cindy.jimenez@umb.edu).

Evening ESL Classes

If you are a non-native English speaker with a strong desire to improve your overall communicative ability, then the English as a Second Language Program is designed for you. The program in English Language Study at UMass offers English as a Second Language classes at three levels: ESL I (high beginner to low intermediate); ESL II (low to high intermediate); and ESL III (high intermediate to advanced).

Classes meet two evenings per week; specific days and times will be announced after the testing period. Testing is on Tuesday, February 13 and Wednesday, February 14 at 6:45 pm in McCormack Hall, 3rd floor, room 130. Students need attend only one testing session. Class placements are made only after testing.

UMASS BOSTON CAMPUS
February 21-May 2
Class No 6467
Fee: $475

Professional Communication for Non-Native Speakers

This course is designed for high-intermediate to advanced non-native speakers of English who seek a growing mastery of both English proficiency and communication skills necessary for success in the professional workplace environment. Class work will focus on oral presentation and short written reports.

Classes meet two evenings per week; specific days and times will be announced after the testing period. Testing is on Tuesday, February 13 and Wednesday, February 14 at 6:45 pm in McCormack Hall, 3rd floor, room 130. Students need attend only one testing session. Class placements are made only after testing.

UMASS BOSTON CAMPUS
February 21-May 2
Class No 6468
Fee: $475

TOEFL Test Preparation

The Test of English as a Foreign Language, or TOEFL, is nearly universally required by American universities (both graduate and undergraduate schools), as well as by secondary schools and many corporations and businesses, when these institutions make admission and hiring decisions, respectively. TOEFL Test Preparation is designed to accommodate students at intermediate and advanced levels of English proficiency who wish to enhance their ability to achieve the highest possible score. TOEFL study focuses on intensive, comprehensive practice of skills specifically demanded by the TOEFL test. As a standardized test, it is important to understand that there are particular techniques and strategies that students can learn and practice to maximize their chances of scoring well. Students will also take authentic computerized-based practice tests in computer labs utilizing software that closely matches the actual test.

Classes meet two evenings per week; specific days and times will be announced after the testing period. Testing is on Tuesday, February 13 and Wednesday, February 14 at 6:45 pm in McCormack Hall, 3rd floor, room 130. Students need attend only one testing session. Class placements are made only after testing.

UMASS BOSTON CAMPUS
February 21-May 2
Class No 6469
Fee: $475

Center for Professional Development in Education

The Center for Professional Development in Education provides professional development opportunities in areas such as the following:

• The Boston Writing Project, an affiliate of the National Writing Project, builds the leadership, programs, and research needed for teachers to help their students become successful writers and learners. To that end, BWP conducts an annual summer institute attended by the most experienced teachers in the area, followed by project-sponsored programs in the teachers' own schools and neighboring schools and districts.

• The Massachusetts Studies Project is an outreach project for educators and students. Its mission is to ground students in their communities by localizing the curriculum. The MSP supports education reform to enhance lifelong learning in three ways: Massachusetts-related information and curriculum materials through databases on the Web that encourage community research and involvement in relevant experiences; professional development training for teachers to integrate technology and relate resources to curriculum frameworks; and development of instructional materials and resources where not already available.

• The Center of Science and Mathematics in Context (COSMIC) is a joint venture of the Graduate College of Education and the College of Science and Mathematics at UMass Boston. The mission of COSMIC is to advance high quality teaching and learning in science and math for all students at K-12, university undergraduate, and graduate levels. The goals of COSMIC are to provide support for science and math teachers, develop and evaluate curriculum and assessment materials, provide professional development, strengthen the pipeline toward science, technology, engineering and mathematics (STEM) careers, conduct research on the effectiveness of our interventions, and create partnerships with school districts, industry, government, and non-governmental organizations.

• The Center for Technical Education was established in 1983 to meet the needs of prospective vocational educators in metropolitan Boston by offering courses leading to vocational education and vocational special needs approval, as well as courses in technology education.

• Advanced Placement Summer Training offers courses each summer in conjunction with The College Board each summer to provide training for teachers of Advanced Placement courses.

For more information on CPDLE programs and activities, contact John White (617.287.7290; john.white@umb.edu) or Sumner Rotman (617.287.7919; sumner rotman@umb.edu), or visit ccde.umb.edu/cpdle.html/

Confucius Institute for Chinese Language and Culture

The University of Massachusetts Confucius Institute at UMass Boston was established in collaboration with Renmin University of China and The High School Affiliated to Renmin University of China, with the sponsorship and authorization of Hanban, the Office of Chinese Language Council International, under the Ministry of Education, China.

The mission of the Confucius Institute is to promote understanding of Chinese language and culture in the communities served by the University. Through courses, conferences, travel, and cultural events, the Institute will provide opportunities for cultural exchange and collaboration between the US and China.

Chinese Language Instruction
The characters of Chinese writing have long appeared mysterious to non-Chinese readers. But today, Americans are enthusiastically embracing the study of Chinese language. The Confucius Institute will present credit courses which intertwine language instruction with cultural awareness, serving students at all skill levels from basic Mandarin for business and travel to more advanced study.

Seminars in Chinese Culture
Contemporary Chinese culture reflects a rich and remarkable history that spans 5,000 years. The Confucius Institute will present cultural seminars that illuminate topics such as the Chinese political system, economic development, values and etiquette, philosophy, and Confucianism in management.

Programs for Teachers of Chinese
With many schools adding Chinese to their language curriculum, there is a growing demand for licensed instructors. The Confucius Institute will help meet this demand by offering teacher training programs, American cultural awareness training, and professional workshops for teachers of Chinese.

Conferences and Forums
The Confucius Institute will also create opportunities for cultural exchanges and collaborations between the United States and China, especially in the New England region. Conferences and forums organized by the Institute will offer platforms for communication between educators and business people from both countries.

Travel
The Confucius Institute will organize tours that will bring students, educators and business people from the US to China and from China to the US, providing opportunities to strengthen language skills through immersion and deepen cultural awareness through direct experience.

For more information contact: Baifeng Sun, Interim Associate Director, University of Massachusetts Confucius Institute (tel: 617.287.7291; fax: 617.287.7297; email: baifeng.sun@umb.edu)

China Program Center

The China Program Center at the University of Massachusetts Boston seeks to advance scholarly and business collaborations between China and America through innovative programs including practical training, trade missions, government exchanges, and joint academic ventures.

The Center provides the specific tools needed to build successful American-Chinese joint ventures. It brings extensive business and cultural knowledge about the two countries to its audiences through innovative academic courses, training sessions, internships, workshops, and mentorships.

UMass Boston's China Program Center addresses many critical needs both for Chinese audiences (global leadership skills, university faculty training, and graduate and undergraduate degree programs) and for American audiences (knowledge of how to do business in China, China-based cultural programs, and courses that focus on the best practices in the teaching of Mandarin).

For more information about the China Program Center, contact Allan Guo, Director (tel 617.287.7291, email allan.guo@umb.edu).

Boston Area Advanced Technological Education Connections (BATEC)

Boston Area Advanced Technological Education Connections (BATEC) is a National Science Foundation funded center that is working to develop and promote a coordinated, self-sustaining, regional education and workforce development system for IT—one that will attract a diverse student population to IT careers, promote lifelong learning of IT skills and support the workforce needs of the region's IT companies and departments.

The BATEC partnership is comprised of: University of Massachusetts Boston; Bunker Hill, Middlesex, and Roxbury Community Colleges with Quinsigamond Community College as an adaptation partner; K-12 Districts of Boston, Cambridge, Chelsea, Everett, Medford, Newton, Northeast Metropolitan, Revere, Somerville, Watertown, and Winthrop; Business and Industry Leaders; Government and Community. BATEC is engaging the region's secondary school teachers, and community college and four-year faculty in professional development for new and emerging information technologies and curriculum development focused on the design and delivery of a new IT education and workforce continuum. BATEC is also providing students with the academic, technical, and professional skills necessary to design, develop, support and manage the hardware, software, multimedia, and integrated systems used in our workplaces.

For more information about BATEC, contact Deborah Boisvert (tel 617.287.7295, email deborah.boisvert@umb.edu), or visit www.batec.org.

Marine Studies Consortium

UMass Boston is a member of the Marine Studies Consortium, an association of Massachusetts higher education and research institutions whose mission is to increase understanding of coastal and marine ecosystems, and to promote policies that protect aquatic resources.

The Consortium's undergraduate academic program offers unique learning opportunities in marine and aquatic sciences, environmental policy, and environmental management. Courses are held during the evenings on the campuses of member institutions. Undergraduate academic credit is also available to students from the general public through arrangements with Consortium member schools. The Consortium also provides planning tools that can help solve small-community wastewater management problems.

The following courses are being offered through the Consortium during the spring 2007 semester:

BIOL 330, Biology of Fishes (page 22)
INTR-D Z 106, Maritime History (page 22)

To register for these courses, first call the Consortium at 781-444-3643 to get a UMass Boston class number. The number will allow you to register at UMass Boston. Courses may have a waiting list.

To see course syllabi visit: www.brandeis.edu/marinestudies/courses.html For more information on the Consortium, visit: www.brandeis.edu/marinestudies or call 781-444-3643.

Interested in a UMass Boston degree?

At UMass Boston, the opportunities for learning are almost limitless, and so are the opportunities for an exciting and rewarding future. If you're considering a UMass Boston degree, here's how to find out more.

COME TO AN UNDERGRADUATE INFORMATION SESSION.

At one of these hour-long sessions, you can learn about our academic programs and other resources, student life, financial aid, and the admission process. We'll do our best to answer your questions and give you a sense of how UMass Boston can work for you. There are daytime and evening sessions, and sessions particularly for persons thinking of transferring or returning to school as adults. You can also take a guided campus tour. For more information, including the information session and tour schedules, call 617.287.6000.

COME TO A GRADUATE OPEN HOUSE.

At one of our open houses, you can meet graduate program directors and faculty members, and talk with them about courses and research opportunities, areas of faculty expertise, assistantships, facilities, degree requirements, and any other aspect of graduate study at UMass Boston you want to know about. For more information, call 617.287.6000.

GET IN TOUCH BY PHONE OR EMAIL.

We'll send undergraduate or graduate information and application materials, and we'll do our best to answer any questions you may have about attending UMass Boston. The phone number to use is 617.287.6000 (TTY/TDD for the hearing-impaired: 617.287.6010). You can also email us at enrollment.information@umb.edu.

VISIT OUR WEB SITE.

To learn more about our over 90 areas of study on the bachelor's, master's, and doctoral levels, as well as our professional development and certificate programs, visit us at www.umb.edu.

SEND US THIS COUPON.

We'll be glad to respond. Return the coupon to: The Admissions Information Service, University of Massachusetts Boston, 100 Morrissey Boulevard, Boston, MA 02125-3393

Name _____

Number and street _____

City, state, zip _____

Birthdate M/D/Y (for coding only) _____ Telephone _____ Gender (M or F) _____

Program of particular interest (please indicate whether graduate or undergraduate) _____

PLEASE NOTE!

If you're interested in joining us as a degree-seeking undergraduate student in spring '07, call us right away! Space in some programs may still be available. The number to use is 617.287.6000.

Registration Form • Spring 2007 Non-Credit Programs

Use this form for Corporate & Professional Training, English Language Study, and Graduate Test Preparation (pages 50-55)

Student ID #

Social Security #: ___ — ___ — ____

Name
First MI Last

Date of Birth **Sex** ○ Male ○ Female
Month Day Year

Daytime Phone ( ) **Evening Phone** ( )

Email address

Mailing address

Are you a Massachusetts resident? ○ Yes ○ No

Job Title

Employer

Employer Address

Have you taken courses at UMass Boston before? ○ Yes ○ No

Ethnic Survey Information. Please circle appropriate letter.

A. American Indian/Alaskan Native
B. Black Non-Hispanic
C. Asian or Pacific Islander
D. Hispanic
E. Non-resident Alien
F. White Non-Hispanic
G. Other_____

This is your only record of your registration transaction!! Please retain a copy for your records

Course Selections

Class No. (4-6 digits)	Title	Starting Date	Program Fee

Method of Registration

○ Mail ○ FAX
○ Phone ○ Walk in

Method of Payment

☐ **I am paying by check.** Make checks payable to UMass Boston. If you are registering by mail, send this form along with your check to: UMass Boston CCDE, Box C, 100 Morrissey Boulevard, Boston, MA 02125-3393.

☐ **I am paying by credit card.** UMass Boston no longer accepts direct card payments, but you can pay your fees by credit card through SallieMae® (MasterCard, Discover, or American Express only). A 2.65% service fee will be charged by SallieMae for processing your payment. Instructions and links can be found at wiser.umb.edu.

☐ **I am paying in cash.** Once you have registered, you can make a cash payment at the Bursar's Office (Campus Center, 4th floor) before 4:00pm.

☐ **I am using financial aid.**

☐ **Bill my account.** Bills will be sent to the mailing address entered above. For account status and payment information, visit wiser.umb.edu.

☐ **Other** _____

Total

Payment by Outside Agency

If charges are to be paid by an outside agency, a payment authorization from that agency must accompany this registration form. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not pay them.

CE Staff Initials

Postmark Date

Spring 2007 Credit Course Registration

Name _____
First MI Last

Date of Birth _____ **Sex** ○ Male ○ Female
Month Day Year

Daytime Phone ( ) _____ **Evening Phone** ( ) _____

Email address _____

Mailing address _____

Student ID # _____

Social Security #: _____

Job Title _____

Employer _____

Employer Address _____

Are you a Massachusetts resident?
Yes ○ No ○

Have you taken courses at UMass Boston before?
Yes ○ No ○

Ethnic Survey Information. Please circle appropriate letter.

A. American Indian/Alaskan Native
B. Black Non-Hispanic
C. Asian or Pacific Islander
D. Hispanic
E. Non-resident Alien
F. White Non-Hispanici
G. Other_____

Course Selections

Class No	Department / Catalog No	Title	Location	Faculty Initials (if necessary)	Credits	Course Fee	Lab Fee (if any)	Total Course and Lab Fee
							+	=
							+	=
							+	=
							+	=
							+	=
							+	=

Method of Registration

○ Mail ○ FAX
○ Phone ○ Walk-in

Note: improperly completed forms and/or checks cannot be accepted, and therefore will be returned unprocessed.

CE Staff Initials

Postmark Date

Method of Payment

☐ **I am paying by check.** Make checks payable to UMass Boston. If you are registering by mail, send this form along with your check to: UMass Boston CCDE, Box C, 100 Morrissey Boulevard, Boston, MA 02125-3393.

☐ **I am paying by credit card.** UMass Boston no longer accepts direct card payments, but you can pay your fees by credit card through SallieMae® (MasterCard, Discover, or American Express only). A 2.65% service fee will be charged by SallieMae for processing your payment. Instructions and links can be found at wiser.umb.edu.

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☐ **I am using financial aid.**

☐ **Bill my account.** Bills will be sent to the mailing address entered above. For account status and payment information, visit wiser.umb.edu.

☐ **Other** _____

Please calculate fees below.

Course and Lab Fees (total) _____

Service Fees **$100**

($50 if taking only online courses)

Subtotal _____

Records Fee* _____

Late Registration Fee** _____

Total _____

*$6; required of non-matriculated students
**$25 if applicable; see "When to Register," page 3.

Coming Winter & Summer 2007

INTERNATIONAL PROGRAMS:

Study the World Up Close

Why not spend a few weeks exploring a far-off place—and earn some credits towards your degree?

Each summer and winter UMass Boston offers students the chance to participate in international programs based all across the planet. Surround yourself with the sights, sounds, and scents of other lands. These three- to four-week long programs will expose you to an array of unique sensations, cultures, people, politics, histories, languages, arts, and archaeological treasures. And a highly experienced UMass Boston professor will guide you along the way.

- **The New Europe and the European Union** (in Amsterdam; Summer)
- **China Today** (Summer)
- **Field School in Prehistoric Archaeology in Belize** (Summer)
- **Ireland Today** (Summer)
- **Jamaica Today** (Winter)
- **Mexico Today** (Winter)
- **Spanish Language and Culture** (Winter/Summer)
- **Caribbean Studies Summer Institute: Puerto Rico and the Virgin Islands** (Summer)

Find Out More

For more information about our international programs, visit **ccde.umb.edu**, or contact:

Kathy FitzPatrick
617.287.7913
kathleen.fitzpatrick@umb.edu

UMASS BOSTON

University of Massachusetts Boston
Division of Corporate, Continuing
and Distance Education
100 Morrissey Boulevard
Boston, MA 02125-3393